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## Regulations

### TITLE 10—ARMY: WAR DEPARTMENT

#### Chapter I—Aid of Civil Authorities and Public Relations

##### PART 7—MANUFACTURE OF DECORATIONS INSIGNIA; AUTHORIZATION OF SALES

Section 7.7 (a) (4) is hereby amended as follows:

§ 7.7 Sales, to whom authorized—  
(a) *Individuals.*

(4) Insignia, including buttons, as distinguished from decorations, medals, and badges prescribed or authorized by the War Department, may be sold by authorized dealers only to persons who present official War Department identification indicating their right to wear such insignia, or to members of the State Guard who present official identification of such membership issued by a State adjutant general. (42 Stat. 1286 as amended by 45 Stat. 437; 10 U.S.C. 1425; 47 Stat. 342, as amended by 53 Stat. 752; 18 U.S.C. 76a, 76b) [Par. 8a, AR 600-90, December 31, 1940, as amended by C 2, November 30, 1942]

[SEAL]

J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-701; Filed, January 14, 1943; 2:39 p. m.]

##### PART 12—PRISONERS\*

###### APPLICATIONS FOR CLEMENCY

Sections 12.2 and 12.3 are retained without change in revision of AR 600-375 November 24, 1942, and § 12.1 (a) is hereby amended as follows:

§ 12.1 Clemency—(a) *Applications.* Applications for clemency may be made by or in behalf of a general prisoner. Such an application will be in writing, will set forth the grounds upon which the

\* 16 F.R. 980, 4812; 7 F.R. 3507.  
\* 6 F.R. 2847; 7 F.R. 8345.

appeal is based, and will be forwarded through channels, with appropriate recommendations, to the commanding officer holding general court-martial jurisdiction over the prisoner. Good conduct cannot form a basis for clemency, but will aid in obtaining it. After the first application, applications by prisoners will be limited to one each year, unless new and material matter is presented which justifies immediate consideration. (38 Stat. 1074; 10 U.S.C. 1457a) [Par. 16, AR 600-375, November 24, 1942]

[SEAL]

J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-702; Filed, January 14, 1943; 2:39 p. m.]

#### Chapter III—Claims and Accounts

##### PART 36—CLAIMS AGAINST THE UNITED STATES

###### ABSENCE WITHOUT LEAVE, AMENDMENT

Section 36.22 is rescinded; paragraphs (a), (b), and (c) of § 36.31 are redesignated (b), (c), and (d), respectively, and a new paragraph (a) is added; and § 36.33 is amended as follows:

§ 36.31 *Definitions*—(a) *Absent without leave.* A person subject to military law who fails to repair at the fixed time to the properly appointed place of duty or goes from the same without proper leave, or absents himself from his command, guard, quarters, station, or camp without proper leave.

- (b) *Deserter.* \* \* \*
- (c) *Military prisoner.* \* \* \*
- (d) *Military post.* \* \* \*

(47 Stat. 1575; 10 U.S.C. 1431) [Par. 2, AR 35-2620, May 16, 1942, as amended by C 1, December 15, 1942]

§ 36.32 *Expenses for apprehension and delivery of enlisted men absent without leave.* [Rescinded] (47 Stat. 1575; 10 U.S.C. 1431) [Par. 3, AR 35-2620, May 16, 1942, as amended by C 1, December 15, 1942]

§ 36.33 *Payment for arrest and delivery of enlisted men absent without*

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<i>leave, deserters, and escaped military prisoners—(a) Services for which payment will be made—(1) Arrest. Fifteen dollars will be paid to the civil officer or other person arresting</i>	
(i) An enlisted man absent without leave when the arrest and detention is authorized by a military officer,	
(ii) A deserter (other than a Philippine Scout), or	
(iii) An escaped military prisoner (other than one who was a Philippine Scout immediately before becoming a prisoner), and turning him over to a guard sent for him. For the same services with respect to a deserter from the Philippine Scouts or an escaped military prisoner who immediately before becoming such was a Philippine Scout, \$10 will be paid.	
(2) <i>Arrest and delivery.</i> Twenty-five dollars will be paid to the civil officer or other person arresting	
(i) An enlisted man absent without leave when the arrest and detention is authorized by a military officer,	
(ii) A deserter (other than a Philippine Scout), or	
(iii) An escaped military prisoner (other than one who was a Philippine Scout immediately before becoming a prisoner) and delivering him at a military post. For the same services with respect to a deserter from the Philippine	

Scouts or an escaped military prisoner who immediately before becoming such was a Philippine Scout, \$15 will be paid.

(b) *To whom paid.* The payment mentioned in subparagraph (1) or (2) of paragraph (a) of this section, as the case may be, will be made to the person or persons actually making the arrest of an enlisted man absent without leave, a deserter, or an escaped military prisoner and the turn-over or delivery of the person arrested. If two or more persons join in performing these services payment may be made to them jointly. Payment will be made whether the enlisted man absent without leave, deserter, or escaped military prisoner surrenders or is apprehended. Payment will not be made merely for information leading to an arrest, or for an arrest not followed by the return of the person arrested to military control.

(c) *By whom paid.* The payments mentioned in paragraph (a) of this section will be made by disbursing officers of the Finance Department, and will be in full satisfaction of all expenses of arresting, keeping, and delivering the enlisted man absent without leave, deserter, or escaped military prisoner.

(d) *Government officers and employees.* Officers and employees of the United States Government (as distinguished from those of a State, county, or city) may not legally be paid the payments mentioned in paragraph (a) of this section; but reimbursement may be made to them or to the department in which they are employed of actual expenses of arrest, detention, and return to military control of

(1) Enlisted men absent without leave when the arrest, detention, and return to military control is authorized by a military officer,

(2) Deserters liable to trial, and

(3) Escaped military prisoners, not exceeding \$25 in each case. (47 Stat. 1575; 10 U.S.C. 1431) [Par. 4, AR 35-2620, May 16, 1942, as amended by C 1, December 15, 1942]

[SEAL]

J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-720; Filed, January 15, 1943; 9:37 a. m.]

#### PART 38—ALLOTMENTS OF PAY

##### DEDUCTIONS FOR SUPPORT OF DEPENDENTS, ETC., AMENDMENTS

Sections 38.1 (d) and 38.7 are hereby amended as follows:

##### § 38.1 Definitions. \* \* \*

(2) *Permanent civilian employees.* "Permanent civilian employees" are those appointed without limitation as to length of service or for definite periods in excess of 6 months (see AR 35-3900<sup>1</sup>). (Sec. 16, 30 Stat. 981; 40 Stat. 384; 52 Stat. 354; 10 U.S.C. 894) [Par. 2d, AR 35-5520, March 4, 1941, as amended by C3, December 22, 1942]

<sup>1</sup> Administrative regulations of the War Department relative to the pay of civilian employees in connection with absence from duty and holidays.

§ 38.7 *Deductions for support of dependents*—(a) *Enlisted men absent from permanent stations in United States.* Enlisted men absent from their permanent stations on extended temporary duty of maneuvers in the United States may, under the provisions of the act of March 2, 1899 (30 Stat. 981), as amended, authorize deductions from their pay for support of their dependents.

(b) *Personnel on duty outside continental limits of United States whose dependents are residing in same country in which such personnel may be serving.* Under the provisions of the act of March 2, 1899 (30 Stat. 981), as amended, the military and civilian personnel enumerated therein, while on duty outside the continental limits of the United States, may authorize monthly deductions from their pay for the support of their dependents where such dependents are residing in the same country in which such personnel may be serving, provided payments are not prohibited by Treasury Department regulations.

(c) *Personnel on duty outside continental limits of United States whose dependents are residing in foreign country other than that in which such personnel may be serving.* Under the provisions of the act of March 2, 1899 (30 Stat. 981), as amended, the military and civilian personnel enumerated therein, while on duty outside the continental limits of the United States, may authorize allotments from their pay for the support of their dependents where such dependents are residing in a foreign country other than that in which the allottees may be serving and in which foreign country an Army disbursing officer is stationed, provided payments of such allotments are not prohibited by Treasury Department regulations. Such allotments will be known as class X allotments.

(d) *On return of personnel and dependents to United States.* Class X allotments will be discontinued upon return of personnel and their dependents to the United States.

(e) *On return of personnel without dependents to United States.* In case military personnel who are allottees return to the United States without their dependents, and it is desired that the allotments continue to be paid, the local disbursing officer in the United States will follow the procedure set forth in Army regulations. Civilian employees are authorized to make allotments of their pay only when on duty in Alaska or outside the continental limits of the United States. (Sec. 16, 30 Stat. 981; 40 Stat. 384; 52 Stat. 354; 10 U.S.C. 894) [Pars. 28 and 29, AR 35-5520, March 4, 1941, as amended by C3, December 22, 1942]

[SEAL] J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-721; Filed, January 15, 1943; 9:37 a. m.]

Chapter V—Military Reservations and National Cemeteries

PART 57—SERVICE CLUBS, HOSTESSES, AND LIBRARIANS<sup>1</sup>

EMPLOYMENT OF CIVILIAN CAMP LIBRARIANS

Section 57.11a is added as follows:

§ 57.11a *Library.* The employment of civilian camp librarians is authorized for the conduct of library services at:

(a) General hospitals.  
(b) Post hospitals having 1,000 beds or more.

(c) Posts, camps, and stations having a total strength of 2,500 men or more, *Provided*, No librarian has been appointed under § 57.9.

(d) Posts, camps, and stations where justified by reason of isolation and lack of other recreational facilities, on the recommendation of the commanding officer and with the approval of the commanding general of the service command.

(R.S. 161, 5 U.S.C. 22) [Par. 15½, AR 850-80, August 26, 1942, as added by C 2, December 24, 1942]

[SEAL] J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-703; Filed, January 14, 1943; 2:39 p. m.]

Chapter VI—Organized Reserves

PART 63—REGULAR ARMY RESERVES<sup>2</sup>

SUSPENSION OF CERTAIN PROVISIONS

The provisions of §§ 63.1-63.18, inclusive, are suspended for the duration of the war. (52 Stat. 221, 10 U.S.C. 343) [Cir. 6, W.D., January 2, 1943]

[SEAL] J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-704; Filed, January 14, 1943; 2:39 p. m.]

Chapter VII—Personnel

PART 70—THE ARMY NURSE CORPS<sup>3</sup>

SALUTE PRIVILEGES

Section 70.2 (f) is hereby added as follows:

§ 70.2 *Rights and privileges.* The following rights and privileges are prescribed for the Army Nurse Corps by the Secretary of War in accordance with the act of June 4, 1920 (41 Stat. 768):

\* \* \* \* \*

(f) They are entitled to the same privileges with reference to salutes as are customarily enjoyed by and prescribed for commissioned officers of grades corresponding to their relative rank. (40

<sup>1</sup> 7 F.R. 7185, 8628, 9449.  
<sup>2</sup> 4 F.R. 2067, 2786, 4431; 5 F.R. 1149, 2955, 3828.  
<sup>3</sup> 7 F.R. 7876, 9671.

Stat. 879, 41 Stat. 767; 10 U.S.C. 161, 164) [Par. 2b, AR 40-20, August 15, 1942, as amended by C 1, December 11, 1942]

[SEAL] J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-705; Filed, January 14, 1943; 2:39 p. m.]

PART 75—ADMISSION TO THE UNITED STATES MILITARY ACADEMY<sup>1</sup>

ENTRANCE REQUIREMENTS, ETC.

Sections 75.1, 75.7, 75.9 and 75.10, 75.12, 75.14, 75.18, and 75.19, 75.22, 75.23, and 75.25 are hereby amended as follows:

All sections of Part 75 are issued under the authority contained in R.S. 161; 5 U.S.C. 22.

The regulations contained in Part 75 are also contained in Information Relative to the Appointment and Admission of Cadets to the United States Military Academy, West Point, N. Y., W. D., November 28, 1942, the particular paragraphs being shown at the end of sections.

§ 75.1 *The Military Academy.* (a) The United States Military Academy is an institution established by the Government for the practical and theoretical training of young men for the military service. Its cadets are given a comprehensive and general education of collegiate grade and a sufficient basic military education and training to enable them to pursue their careers as officers of the Army.

(b) Direction and supervision of the Military Academy are vested by law in the War Department under such officer or officers as the Secretary of War may select, and, in accordance with this provision, the Secretary of War has placed it under the jurisdiction of the Commanding General, Services of Supply, except for the curriculum and doctrine which is under the Assistant Chief of Staff, G-3, War Department. [Pars. 1 and 2]

§ 75.2 *How to enter the Military Academy.* The candidate for a cadetship, who must never have been married and who will at the time of his proposed entrance come within the prescribed age limits and be a citizen of the United States, should follow the steps outlined below. He must first obtain an appointment to a vacancy, existing or prospective. He must then demonstrate that he measures up to certain physical and educational standards. His physical fitness is determined by examination; his educational qualifications may be shown by regular mental examination or by the submission of certain prescribed certificates with validating examination, or, in

<sup>1</sup> Communications relating to matters connected with the Military Academy should be addressed to The Adjutant General, Washington, D. C.



certain special cases, by certificate without mental examination. (See §§ 75.13 and 75.14.) If he be accepted, he reports at the academy on the first weekday in July and, prior to admission, he is required to take the oath of allegiance and to subscribe to an engagement to serve the United States for a time subsequent to his graduation. (See § 75.23 (c).) [Par. 3]

§ 75.3 *Course as a cadet.* (a) The normal course at the Military Academy is 4 years. For the duration of the war, however, the course has been temporarily shortened to 3 years in accordance with an act of Congress approved October 1, 1942.

(b) During the war the classes will be designated as follows:

First year cadets—4th class.  
Second year cadets—3d class.  
Third year cadets—1st class.

There will be no 2d class in the 3-year course.

(c) Those cadets who take flying instruction are designated as "Air Cadets" while those not taking flying instruction are designated as "Ground Cadets."

(d) The academic year extends from September to May, inclusive, while the three summer months are devoted exclusively to military training. During his academic year a cadet receives from 1 to 2 hours of military training a day in addition to his academic studies.

(e) During the time he remains a cadet, he is paid \$780 per annum and allowed the cost of 1 ration per day, which varies with the cost of food. Upon graduation he may be commissioned as a second lieutenant in one of the arms or services of the Army.

(f) The points brought out briefly in the paragraphs above are explained in detail in the following pages. [Par. 4]

§ 75.4 *Strength of the corps of cadets.* (a) Under an act of Congress approved June 3, 1942, the Corps of Cadets shall hereafter consist of 2,496 cadets, appointed in number and from sources as follows:

6 from each State at large.....	384
4 from each congressional district.....	1,740
4 from each Territory (Hawaii and Alaska).....	8
6 from the District of Columbia.....	6
4 from natives of Puerto Rico.....	4
2 from Panama Canal Zone.....	2
172 from the United States at large <sup>1</sup> .....	172
180 from among the enlisted men of the Regular Army and of the National Guard, in number as nearly equal as practicable.....	180
Total.....	2,496

<sup>1</sup>Of whom 3 are appointed upon the recommendation of the Vice President, 40 are selected from among the honor graduates of those educational institutions designated as "honor military schools," and 40 are chosen from among the sons of veterans who were killed in action or died prior to July 2, 1921, of wounds received or disease contracted in line of duty during the first World War.

(b) Section 2 of the act of Congress approved June 3, 1942, provides: When on the date of admission of a new class the total number of cadets is below the number authorized, the Secretary of War may bring the Corps of Cadets to

full strength by appointing qualified alternates and candidates recommended by the academic board, two-thirds thereof from qualified alternates and one-third thereof from qualified candidates: *Provided*, That any appointment made under this section shall be an additional appointment and shall not constitute an appointment otherwise authorized by law. [Par. 5]

§ 75.5 *Filipino cadets.* (a) In addition to the 2,496 mentioned above, the Secretary of War is authorized to permit not exceeding four Filipinos, to be designated by the President of the Commonwealth of the Philippine Islands, to receive instruction at the United States Military Academy, under the provision of the act of Congress approved May 28, 1908, as amended. These students execute an agreement to comply with all regulations for the police and discipline of the Academy to be studious, and to give their utmost efforts to accomplish the courses in the various departments of instruction.

(b) The act of Congress approved July 2, 1942, making appropriations for the Military Establishment for the fiscal year ending June 30, 1943, contains a provision which reads as follows:

That no part of any appropriation contained in this Act shall be available for the pay of any person, other than military personnel, not a citizen of the United States, unless in the employ of the Government or in a pay status on the date of approval of this Act, under appropriations for the War Department, but nothing herein shall be construed as applying \* \* \* to citizens of the Commonwealth of the Philippines, or to nationals of those countries allied with the United States in the prosecution of the war and whose employment is determined by the Secretary of War to be necessary, or to persons employed outside the continental limits of the United States \* \* \*. [Par. 6]

§ 75.6 *Appointments, how made.* (a) The numbers mentioned above represent the maximum allowed at the Military Academy at any one time from the respective sources; consequently, no appointment can be made from any source except to fill a vacancy therefrom.

(b) All appointments are made by the President and as follows:

(1) From States at large and from congressional districts, upon the recommendations of the respective Senators and Representatives in Congress.

(2) From the Territories, upon the recommendations of the respective Delegates in Congress.

(3) From the District of Columbia, upon the recommendations of the commissioners thereof.

(4) From Puerto Rico, upon the recommendation of the resident commissioner. (Those cadets appointed from States at large, from congressional districts, from the Territories, from the District of Columbia, and from the island of Puerto Rico, must, under the law, be actual residents thereof, respectively.)

(5) From among the sons of civilians residing in the Canal Zone and the sons of civilian personnel of the United States Government and the Panama Railroad Company residing in the Republic of Panama to be selected by the Governor of the Panama Canal Zone.

(6) From among the honor graduates of educational institutions designated as "honor military schools," upon the recommendations of the heads of the respective schools.

(7) In 1943 the sources of admission from among members of the National Guard and Regular Army have been combined for the duration of the present war and opened to all enlisted men of the Army of the United States upon the recommendations of the commanding generals of the respective service and foreign commands.

(8) Appointments from the United States at large (excepting those from "honor military schools," those chosen from among the sons of deceased World War veterans, and those appointed upon the recommendation of the Vice President) are made by the President upon his own selection, and as the result of a competitive examination, identical in every respect with the regular entrance examination.

(9) Only such candidates as are fully qualified may be nominated subsequently to the holding of the scheduled examinations, and no nomination for appointment will be accepted if received in the War Department later than midnight on June 30th, preceding the regular date of admission to the Military Academy on July 1st. Letters whose post-office marks clearly show that they were placed in the mail prior to midnight of June 30th are held to meet the foregoing requirement. [Par. 7]

§ 75.7 *Selection of candidates—(a) From States at large, congressional districts, and Territories.* (1) The selection of candidates, by competitive examination or otherwise, for appointment from any State at large or congressional district, is entirely in the hands of the Senator or Representative in Congress who has the vacancy at his disposal, and all applications for appointment from those sources should be addressed to the proper Senator or Representative.

(2) For each vacancy from a State at large or congressional or Territorial district, four candidates should be nominated, one to be named as principal, one as first alternate, one as second alternate, and one as third alternate. The first alternate, if qualified, will be admitted in the event of the failure of the principal; the second alternate, if qualified, will be admitted in the event of the failure of both the principal and the first alternate; and the third alternate, if qualified, will be admitted in the event of the failure of principal, first, and second alternate.

(3) In choosing candidates selected for appointment under the provisions of section 2 of the act of June 3, 1942, as quoted in paragraph 5, the Academic Board studies the records of all eligible candidates and makes its selection based upon consideration of the academic grades and other pertinent factors which affect the qualifications of the various candidates to become officers of the Army. The only candidates who are considered eligible for such appointments are those who have successfully passed the entrance examinations or



otherwise qualified for entrance within the past 12 months.

(4) These candidates must, at date of admission, be between the ages of 17 and 22 years.

(b) From "honor military schools." Honor graduates of "honor military schools" are selected for appointment as cadets of the United States Military Academy in the following manner:

(1) There is maintained in the office of The Adjutant General a roster of "honor military schools" as determined by annual War Department inspections of educational institutions. At an early date in each year The Adjutant General will anticipate the vacancies in the Corps of Cadets which are open to honor graduates and will make an equitable distribution of those vacancies among the "honor military schools" and notify them accordingly.

(2) Each designated institution will at a specified time notify The Adjutant General of the names of the selected honor graduates, designating them as principal, first, second, and third alternate candidates. In considering graduates for this designation the institution is not limited to those graduating during the current year.

(3) An honor graduate, designated as principal, of a selected institution will be appointed a cadet of the United States Military Academy upon the certificate of the head of the institution that the appointee is an honor graduate of that institution of a year for which the institution was designated an honor military school. No student will be rated as honor graduate unless he has in his school work shown proficiency in subjects amounting to not less than the 15 units prescribed by the regulations for admission to the United States Military Academy. A certificate will be forwarded to the Adjutant, United States Military Academy, West Point, N. Y., when the appointment is made.

(4) In the event that the honor graduate designated as principal does not accept the appointment or fails to qualify for admission, the first alternate will, if qualified be appointed; in the event that neither the principal nor the first alternate qualifies, the second alternate will, if qualified, be appointed; and in the event that the principal, first, and second alternate candidates fail to qualify, the third alternate will, if qualified, be appointed.

(5) These candidates must at date of admission be between the ages of 17 and 22 years.

(6) All honor graduates are appointed subject to the same tests for mental and physical qualifications as are required of other candidates. (See §§ 75.13 and 75.14.)

(c) From among sons of World War veterans. (1) An act of Congress approved June 8, 1926, as amended by an act of Congress approved December 1, 1942, authorized 40 cadets to be appointed by the President from among the sons of officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps of the United States, including members of the Army Nurse

Corps (female) and Navy Nurse Corps (female) employed in the active service by the War Department or Navy Department, who were killed in action or have died, or may hereafter die, of wounds or injuries received, or disease contracted, or preexisting injury or disease aggravated in active service during the World War (as defined by existing laws providing service connected compensation benefits for World War veterans and their dependents).

(2) Candidates appointed under this act must be between the ages of 17 and 22 years and meet the usual physical requirements, and will be required to undergo the regular entrance examination competitively, the vacancies available from this source being awarded to those physically qualified competitors who make the highest proficient ratings in the order of merit established by the examination mentioned. There is no restriction as to residence in the case of these appointees.

(3) No form is prescribed for making application, which should be by letter addressed to The Adjutant General, War Department, Washington, D. C., showing the full name, date of birth, and address of applicant, and the name, grade, and organization of the veteran parent, together with a brief statement showing the time and place of death, injury or disease contracted. If the parent was an enlisted man, his serial number should also be given.

(d) From the National Guard and the Regular Army. (1) The sources of admission from among members of the National Guard and the Regular Army have been combined for the duration of the present war and opened to all enlisted men of the Army of the United States. The law authorizing appointments from this source prescribes that the applicant must, at the date of admission, be between the ages of 19 and 22 years, and must have served as an enlisted man for not less than 1 year. It is not essential that the service shall have been continuous; therefore, prior Army or National Guard service may be counted in determining a soldier's eligibility.

(2) The candidates nominated for cadetships allotted to the enlisted men of the Army of the United States shall not exceed three times the number of existing vacancies from that source, and shall be distributed equitably among the service commands and foreign commands by the War Department. No preliminary mental examination will be conducted in order to determine the eligibility of applicants. Each designated candidate will be given a letter of appointment authorizing him to report for the regular Military Academy entrance examination, which he must undergo in competition with the entire number of Army candidates, the available vacancies being awarded to those physically qualified competitors making the highest proficient averages in the order of merit established at the last-mentioned examination, without regard to the service command or foreign command from which designated. The selections being made throughout by competition, alter-

nates cannot be considered under any circumstances, nor can these candidates submit educational certificates with a view to qualifying in whole or in part thereon. Failure for any cause to appear for the examination at the time and place authorized will vacate the appointment. [Pars. 8, 9, 10, and 11]

§ 75.9 Entrance examination, when held. (a) The regular Military Academy entrance examination and the examination for validating certain classes of certificates are held beginning on the first Tuesday in March each year. Each candidate designated to take one of these examinations will receive from the War Department a letter of appointment, and he must appear for examination at the time and place designated therein before a board of Army officers convened by the War Department. Enlisted men appointed from the Army also receive authority from the War Department to report for examination, and must report at the time and place specified. No other regular mental examination is held during the year. The failure of candidates holding noncompetitive appointments to appear for examination unless prevented by sickness or other unavoidable cause shall vacate the appointment; the failure of candidates holding competitive appointments to report for examination for any cause shall vacate the appointment.

(b) A second validating examination is held on June 21 at West Point, N. Y., but is only for emergency vacancies which remain unfilled or occur after the March examination. Candidates appointed to such emergency vacancies must qualify by certificate or by certificate supplemented by the validating examination mentioned above. [Par. 13]

§ 75.10 Entrance examination, where held. Boards of officers are convened at certain designated places, which are listed below, for the purpose of conducting the regular entrance examinations. The place of examination selected by the War Department for each candidate is the one nearest or most convenient to his home or to the school at which he is in regular attendance.

Army and Navy General Hospital, Hot Springs National Park, Ark.

Army Medical Center, Washington, D. C.

Army Base, 808 Commonwealth Avenue, Boston, Mass.

William Beaumont General Hospital, El Paso, Tex.

Fort Benning, Ga.

Fort Bragg, N. C.

Canal Zone (such place as the Commanding General, Panama Canal Department, may designate).

Alaska (post to be designated).

Federal Office Bldg., 90 Church St., New York, N. Y.

Fitzsimons General Hospital, Denver, Colo.

Fort Douglas, Salt Lake City, Utah.

Fort Benjamin Harrison, Ind.

Fort Hayes, Columbus, Ohio.

Fort Sam Houston, Tex.

Jefferson Barracks, Mo.

Fort Knox, Ky.

Fort Leavenworth, Kans.

LaGarde General Hospital, New Orleans, La.

Letterman General Hospital, Presidio of San Francisco, Calif.

Fort Lewis, Wash.

March Field, Calif.  
 Fort McPherson, Ga.  
 Fort Omaha, Nebr.  
 San Juan, P. R.  
 Fort Sheridan, Ill.  
 Fort Sill, Okla.  
 Fort Snelling, Minn.  
 Schofield Barracks, Honolulu, Hawaii.

§ 75.12 *Admission by regular mental examination* (See § 75.8 (a)). (a) All candidates take the regular mental examination who cannot qualify under §§ 75.13 or 75.14.

(Inasmuch as candidates from the United States at large and the Army of the United States are appointed to vacancies in the order of merit competitively established as a result of the regular mental entrance examination, such candidates are not permitted to submit educational certificates in lieu of that examination, and therefore, cannot qualify under §§ 75.13 or 75.14.)

(b) *Subjects.* \* \* \*

(5) *History.* (1) Candidates will be required to pass a satisfactory examination in United States history and ancient history.

(ii) The examination in United States history will cover: Early discovery and settlements; the forms of government in the Colonies; the birth and development of a constitutional form of government; the causes, leading events, and results of wars; important events in the political and economic history of the Nation from its foundation to and including the national election of 1940; the location of places, areas, boundaries, and routes of outstanding historical significance.

(iii) The examination in ancient history will cover the period 750 B. C. to 814 A. D., emphasizing the rise, development, and decline of Greek and Roman civilization. It will also include the history of Mediterranean states in the period specified, and the development of western Europe after the break-up of the Roman Empire. The location of places, areas, boundaries, and routes of outstanding historical importance will be required. [Pars. 16, 17, and 21]

§ 75.14 *Admission by certificate* (See § 75.8 (c)). (a) The academic board will consider and may accept without other mental requirement:

(1) A properly attested college certificate that the candidate is, or was upon leaving, a regularly enrolled student in good standing without condition in a university, college, or technical school accredited by the United States Military Academy; *Provided*, That he entered college with the secondary school credits prescribed in § 75.13 (a); *And provided further*, That he has completed successfully at least one semester in college. If he lacks not more than 2 units of the prescribed secondary school credits, required or optional, he may make up this

deficiency in college at the rate of one semester of college work to one year of secondary school study.

A full record of academic work at college, giving subjects taken and grades attained in each, should be presented on form I, which must be submitted in all cases where college work covers one semester or more.

If the college certificate covers less than 1 full year's work in college, it must be accompanied by a certificate covering work in secondary school, and the two certificates will be considered together in determining the candidate's mental qualifications.

(2) A properly attested certificate from the College Entrance Examination Board that the candidate has shown proficiency in the examinations set by the board in subjects amounting to the 15 units listed in § 75.13 (a).

(3) A properly attested certificate from the College Entrance Examination Board that the candidate has shown proficiency in the examination set by the board in the 8 required units from the list given below, and a properly attested certificate from the preparatory or public high school accredited by the United States Military Academy showing proficiency in 7 units of the optional subjects given hereafter. A College Entrance Examination Board certificate that does not cover all of the 8 required units will not be considered.

(4) A secondary school certificate as described in § 75.13 (a) and (b) supplemented by a report from the College Entrance Examination Board that the candidate has taken its Scholastic Aptitude Test and Mathematics Attainment Test<sup>4</sup> (Beta Section): *Provided*, The grades earned on these tests are satisfactory. In case the candidate has graduated from secondary school prior to the date set for the validating examination (March or June), the Scholastic Aptitude Test and Mathematics Attainment Test<sup>4</sup> (Beta Section) must also have been taken and reported upon prior to that date. In case the candidate is in actual attendance in his senior year at a secondary school at the time set for the validating examination in March and has not yet taken these tests, he

<sup>4</sup>In cases where the Scholastic Aptitude Test taken includes a mathematical section, the Mathematics Attainment Test is not required. These tests, prepared by the College Entrance Examination Board, 431 West One Hundred Seventeenth Street, New York, N. Y., are the only such tests accepted for exemption from entrance examinations. General information concerning such examinations may be obtained from the College Entrance Examination Board. Address it for this purpose at P. O. Box 592, Princeton, N. J. Tests prepared by State or other testing agencies are not accepted.

may decline to take the validating examination, electing instead to undergo the Scholastic Aptitude Test to be given by the College Entrance Examination Board in April of the same year. This privilege of electing to substitute the Scholastic Aptitude Test to be taken later is allowed for the March validating examination only.

(b) (1) A candidate, whose certificate has been rejected under § 75.14, will be required to take the regular entrance examination except in cases where the academic board approved his credits under § 75.13 for admission subject to the validating examination.

(2) The academic board may reject any certificate for low grades, or upon any evidence, whether contained in the certificate or not, that creates a reasonable doubt as to the candidate's mental qualifications for admission. A record in the entrance examination of a former year is considered excellent evidence of mental qualifications for admission and is given great weight when certificates are being evaluated. Taking the examination, when unprepared, merely for practice and failing on the same may, therefore, have an adverse effect if entrance by certificate is sought in a later year.

(3) A candidate, whose certificate has been accepted unconditionally under § 75.14, is excused from the mental examination but must appear for the physical examination.

(4) A candidate, whose certificate is approved under § 75.14 (a) (4) subject to later passing of the College Entrance Examination Board's Scholastic Aptitude Test,<sup>4</sup> is accepted as mentally qualified for admission if his record in this test proves satisfactory. He is rejected as mentally unqualified if it proves unsatisfactory. [Par. 23 and 24]

§ 75.18 *General information as to certificates.* (a) All necessary papers, including a set of blank certificate forms (Except form III which is sent only upon application), are furnished by The Adjutant General, Washington, D. C., to each duly nominated candidate (except where competition is specified) with his letter of appointment.

(b) Certificates should be submitted not later than February 15. A certificate received between February 15 and the examination will receive consideration, but, in view of the short time left to the academic board to investigate its value, no assurance will be given that such certificate can be acted on in time to exempt the candidate from the regular mental examination. Certificates received at West Point too late for full investigation and appraisal before 9 a. m. on the first Tuesday in March of each year will be filed without action thereon. Candidates will be notified of



the time and date of the receipt of such certificates.

(c) Candidates who submit certificates on a date which does not allow the academic board sufficient time to investigate their value and notify them regarding the final action thereon prior to the day set for the examination should proceed with the regular examination.

(d) Candidates who are informed that their certificates have been accepted either provisionally or unconditionally, must present themselves at the regular time and place, as herein prescribed, for physical examination and, if required, for the validating examination.

(e) A candidate submitting a secondary school certificate who has taken the College Entrance Examination Board's Scholastic Aptitude Test should have his record in this test forwarded to the Adjutant, West Point, N. Y., at the same time as his school certificate. He should state on the latter that this is being done.

(f) A candidate in his last year in secondary school who elects not to take the validating examination in March but to depend for validation of his certificate upon the Scholastic Aptitude Test of April of the same year should include a statement to that effect when submitting his educational certificate. The latter should be submitted, as in the general case, when the blank form is received from The Adjutant General.

(g) A candidate whose certificate qualifications have been approved, provided he completes his regular high-school or preparatory-school course with good grades and graduates, must bring with him, and present on the day he reports for admission, his diploma or certificate of graduation, together with a certified statement of the grades attained in his academic work, in order that the academic board of the Military Academy may determine whether or not these provisions have been fulfilled. If approval of his certificate was also subject to passing the College Entrance Examination Board's Scholastic Aptitude Test at a later date, he should have a report of his record on this test sent to the Adjutant, West Point, N. Y., as soon as the marks are available. The foregoing does not apply to a candidate whose certificate has been approved unconditionally.

(h) A candidate who has once satisfactorily fulfilled all the mental requirements for entrance will be regarded as qualified at any subsequent opportunity which may arise for entrance with the same class.

(i) A certificate which is accepted as satisfactory for one examination will be regarded as satisfactory for any other examination which may be set for en-

trance with the same class, unless it has been voided in the meantime by failure in the first examination, in which event it will be reconsidered in connection with the results of that examination, should the candidate be reappointed with a view to admission the same year.

(j) Any certificate accepted for entrance with one class is not valid for entrance with a succeeding class unless reapproved. It must be resubmitted, accompanied by a full statement of the candidate's educational work in the interim, and both certificate and statement will be subject to careful scrutiny by the academic board.

(k) A candidate, not an ex-cadet who has once been declared mentally qualified for entrance upon written examination, either regular or validating, need not undergo a second mental examination in case of any subsequent appointment unless the requirements for entrance have been changed in the meanwhile. A candidate reported not qualified mentally in one or more subjects on one examination will be required to qualify in all subjects at any subsequent examination.

(l) Information on the Scholastic Aptitude Test mentioned in this pamphlet may be obtained from the College Entrance Examination Board. Address it for this purpose at P. O. Box 592, Princeton, N. J.

(m) Inasmuch as candidates from the United States at large and the Army of the United States are appointed to vacancies in the order of merit competitively established as a result of the regular entrance examination, such candidates are not permitted to submit educational certificates in lieu of the regular examination. [Par. 38]

§ 75.19 *Requirements as to age, height, and physical condition.* (a) Candidates are eligible for admission from the day they are 17 (or 19 if from the Army of the United States) until the day they become 22 years of age, on which latter day they are not eligible. The age requirements for all candidates as well as the service requirements for appointment from the Army of the United States are statutory and cannot be waived.

(b) No candidate shall be admitted who is less than 5 feet 6 inches in height, or who is deformed or afflicted with any disease or infirmity which would render him unfit for the military service, or who has, at the time of presenting himself, any communicable disease.

(c) Candidates must never have been married.

(d) Each candidate must, on reporting at West Point, present a certificate showing successful vaccination within 1

year; or a certificate of two vaccinations, made at least a month apart, within 3 months. [Par. 39]

§ 75.22 *Physical requirements—(a) Hearing.* Hearing must be normal (20/20) in each ear for the whispered voice and the ears must be free from acute or chronic disease. The following-named conditions are causes for rejection: The total loss of an ear, marked hypertrophy or atrophy, or disfiguring deformity of the organ; atresia of the external auditory canal, or tumors of this part; acute or chronic suppurative otitis media, or chronic catarrhal otitis media; mastoiditis, acute or chronic; existing perforation of the membrana tympani from any cause whatever.

(b) *Vision.* (1) Vision as determined by the visual test types (without a cycloplegic) must not fall below 20/30 in either eye without glasses, corrected with glasses to 20/30 in each eye, when no organic disease in either eye exists. Both eyes must be free from acute or chronic disease. Errors of refraction, if considered excessive, may be a cause for rejection even though the visual acuity falls within acceptable limits. Total hyperopia of more than two diopters or total myopia of more than three quarters (.75) diopter in any meridian in either eye is cause for rejection.

(2) The following-named conditions are also cause for rejection: Manifest disturbance of muscle balance; esophoria of more than 10 prism diopters, exophoria of more than 5 prism diopters, or hyperphoria of more than 1-prism diopter; impairment of the sense of color perception in a pronounced degree; trachoma, or xerophthalmia; chronic conjunctivitis; pterygium encroaching upon the cornea; complete or extensive destruction of the eyelids, disfiguring cicatrices, adhesions of the lids to each other or to the eyeball; inversion or eversion of the eyelids, or lagophthalmus; trichiasis, ptosis, blepharospasm, or chronic blepharitis; epiphora, chronic dacryocystitis, or lachrymal fistula; chronic keratitis, ulcers of the cornea, staphyloma, or corneal opacities encroaching on the pupillary area and reducing the acuity of vision below the standard noted above; irregularities in the form of the iris, or anterior or posterior synechiae sufficient to reduce the visual acuity below the standard; opacities of the lens or its capsule, sufficient to reduce the acuity of vision below the standard, or progressive cataract of any degree; extensive coloboma of the choroid or iris, absence of pigment, glaucoma, iritis, or extensive or progressive choroiditis, retinitis, detachment of the retina, neuroretinitis, optic neuritis, or atrophy of the optic nerve; loss or disorganization of either eye, or pronounced



exophthalmus, pronounced nystagmus; or permanent or well-marked strabismus; diplopia, or night blindness; abnormal conditions of the eyes due to disease of the brain; malignant tumors of lids or eyeballs; asthenopia accompanying any ocular defect.

(c) *Teeth.* (1) No candidate will be accepted unless he has a minimum of 6 serviceable vital masticating teeth (bicuspid and molars) above and 6 below serviceably opposing and also 4 serviceable vital incisor teeth (incisors and cuspids) above and 4 below serviceably opposing. Therefore, the minimum requirement consists of a total of 12 masticating teeth and 8 incisor teeth, all of which must be so opposed as to serve the purpose of incision and mastication.

(2) Vital teeth properly filled with permanent filling material, or well crowned, will be considered serviceable if otherwise acceptable. A single tooth replacement by a standard method of fixed bridgework will be accepted in lieu of a serviceable vital tooth when the abutment teeth are otherwise acceptable and the bridge well constructed.

(3) A tooth will not be considered serviceable if it fails to enter into serviceable occlusion with an opposing tooth, if it has an unfilled cavity, if it supports a defective filling or crown, if it is nonvital, or if there is destruction of the supporting tissues of the tooth, such as results from chronic gingivitis, pyorrhea, etc.

(4) Causes for rejection are: Failure to meet the standard of minimum requirements outlined above; the loss of three adjoining masticating teeth in either side of the upper or lower jaw; disfiguring spaces between anterior teeth, such as result from the extraction of a tooth; marked irregularity of the teeth; and marked malocclusion. No candidate will be accepted until all cavities in the teeth have been filled with proper permanent fillings.

(d) *Physical exercises.* Due to the nature of the new cadets' training during their first 2 months at the academy, the physical requirements must, of necessity, be rather strenuous and exacting. Experience has indicated that those cadets who, prior to admission, have hardened themselves physically meet these requirements best. The cooperation of parents is enjoined to encourage future cadets to participate in some form of physical exercise prior to their arrival at the academy.

(e) *Physical proportions for height, weight, and chest measurements for all candidates except Filipinos.* (1) The requirements of the following tables of physical proportions are for growing youths and are for guidance in connection with the other data of the examination, a consideration of all of which will determine the candidate's physical eligibility. Mere fulfillment of the requirements of the standard tables does not determine eligibility.

Height, inches	Weight, pounds		Chest measure at expiration, inches
	Minimum	Maximum	
66	120	170	30.50
67	124	176	30.50
68	128	181	31.00
69	132	185	31.50
70	136	187	32.00
71	140	189	32.00
72	144	192	32.50
73	148	195	32.50
74	152	198	33.00
75	156	201	33.00
76	160	204	33.50

NOTE: Height to be taken without shoes, and weight without clothes.

(2) Fractions greater than 1/2 inch in height will be considered as an additional inch, but candidates must be at least 66 inches in height.

(3) Medical examiners will recommend rejection of individuals who show poor physical development and those who appear to be undesirable candidates because of excess fat, even though their measurements may come within the figures stated in the above table. In such instances, the report will show in detail the findings upon which recommendation for rejection is based.

(4) Recommendations for waiver of excess weight should be made in cases in which the general appearance and conformation of the candidate and the rest of the examination clearly indicate that he is of the robust type and that there is no tendency to obesity, endocrine imbalance, cardiovascular disease, or other defect which is likely to shorten the period of useful active service normally expected of an Army officer.

(f) *Minimum standards for Filipino applicants only.*

Height (Inches)	Weight	Chest measurement at expiration
59	100	28 1/2
60	101	28 3/4
61	102	29
62	103	29 1/4
63	105	29 1/2
64	107	29 3/4
65	110	30
66	113	30 1/4
67	118	30 1/2
68	124	30 3/4
69	127	31
70	130	31 1/4

[Pars. 42, 43, and 44]

§ 75.23 *Admission to the academy*—

(a) *Date of admission.* Candidates who fully conform to the requirements set forth in the preceding sections, and who report in person to the superintendent on the first week day in July, before 12 m., shall be admitted as cadets to the United States Military Academy and shall receive their warrants of appointment as soon as practicable. Candidates are received beginning at 8 a. m., and it is to their advantage to report as soon as practicable after that hour. Facilities are not available for the housing and feeding of new cadets reporting before that time.

§ 75.25 *Pay of cadets.* (a) The pay of a cadet is \$780 per year plus the cost of 1 ration per day which varies with the cost of food, to commence with his admission to the academy.

(b) Mileage, at 5 cents per mile, while proceeding from his home to the Military Academy, is credited to the account of each cadet after his admission to the academy, except when War Department orders directing him to proceed to the Military Academy are received at a place other than his home and nearer to the Military Academy; in such cases the account will be credited with mileage only from the place of receipt of orders to report to the Military Academy.

(c) A cadet's initial deposit, together with his salary, is sufficient to meet his actual needs at the academy. It is not sufficient, however, to meet, in addition, the expenses of leaves of absence, especially if these involve considerable travel.

(d) Obtaining money from outside sources is regarded with disfavor, unless it be for the purpose of liquidating indebtedness at the cadet store or of defraying the expenses of a leave of absence.

(e) Whenever candidates possessing Government life insurance enter the Military Academy and wish to authorize pay roll deductions for premium payments, provisions may be made whenever outside funds are available for the deposit of additional funds equal to the amount of Government insurance premium payments. Such deposits may be made with the Treasurer, U. S. M. A., monthly, quarterly, semiannually, or annually. In this manner a cadet who authorizes pay roll deductions for insurance premiums will not tend to reduce the balance in his account to a lower level than the average of other cadets. [Par. 50]

[SEAL]

J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-722; Filed, January 15, 1943; 9:37 a. m.]

PART 79—PRESCRIBED SERVICE UNIFORM  
CHAPLAIN'S SCARF; CHRISTIAN FAITH

Section 79.62a (a) is hereby amended as follows:

§ 79.62a *Chaplain's scarf*—(a) *Christian faith.* A scarf of standard ecclesiastical pattern, of suitable black material 9 feet long. On each end in gold color Schiffl work the coat of arms of the United States 3 inches high with the chaplain's insignia, Christian, 4 inches high, spaced 1/2 inch below the coat of arms. The bottom of the insignia to be 6 1/2 inches from the end of the scarf. (R.S. 1296; 10 U.S.C. 1391) [Par. 62 1/2 AR 600-35, November 10, 1941, as amended by C 9, December 24, 1942]

[SEAL]

J. A. ULIO,  
Major General,  
The Adjutant General.

[F. R. Doc. 43-706; Filed, January 14, 1943; 2:39 p. m.]

TEMPORARY AND CONDITIONALLY FINAL EFFECTIVE MINIMUM PRICES FOR DISTRICT NO. 1

NOTE: The material contained in these supplements is to be read in the light of the classifications, prices, instructions, exceptions and other provisions contained in Part 321, Minimum Price Schedule for District No. 1 and supplements thereto.

FOR ALL SHIPMENTS EXCEPT TRUCK

§ 321.7 Alphabetical list of code members—Supplement R-1

[Alphabetical listing of code members having railway loading facilities, showing price classifications by size group numbers]

Mine Index	Code member	Mine name	Subdistrict No.	Seam	Shipping point	Railroad	Freight class. group No.	1	2	3	4	5
3832	Aquilla, James	Codfish	4	B	Sarah Furnace, Pa.	PRR	11	(T)	(T)			
3863	Boyard Coal Co. (Frank D. Fair)	Pinney	4	A	Rimersburg, Pa.	PRR	90	(T)	(T)	G	(T)	(T)
3864	Cambria Mills Coal Co. #4 (Howard Apple)	Cambria Mills #5	18	C	Ghasgow, Pa.	PRR	52	E	(T)	E	E	E
3865	Everly, James F. (Hillside Coal Company)	Center Hall #2	21	A	Osecola Mills, Pa.	PRR	45	H	(T)	H	H	H
3828	Kronick, John F. (Patton Coal Co.)	Patton #1	24	D	St. Benedict, Pa.	NYC	44	(T)	(T)	E	(T)	(T)
3850	Roxby & Sons (Charles Roxby)	Roxby #2	34	B	(Llanfair Br.) Dunlo, Pa.	PRR	49	(T)	(T)	A	(T)	(T)
204	Wallwork Coal Co. (Andrew C. Wallwork)	Hawthorn #1	4	E	Hawthorn, Pa.	PRR	75	G	G	G	H	H
724	Wallwork Coal Co. (Andrew C. Wallwork)	Hawthorn #3	4	E	Hawthorn, Pa.	PRR	75	G	G	G	H	H
3866	Yorkshire Coal Co.	Honestead #2	19	D	Banfan Jet, Pa.	PRR	45	(T)	(T)	B	(T)	(T)
3867	Yorkshire Coal Co.	Honestead #3	19	D	Banfan Jet, Pa.	PRR	45	(T)	(T)	B	(T)	(T)
3868	Yorkshire Coal Co.	Honestead #4	19	D	Banfan Jet, Pa.	PRR	45	(T)	(T)	B	(T)	(T)

† Indicates no classifications or prices effective for these size groups.  
‡ Indicates correction in seam designation. Seam B no longer applicable.

The following action being deemed necessary in order to effectuate the purposes of the Act:

*It is ordered*, That, pending final disposition of the above-entitled matter, temporary relief is granted as follows: Commencing forthwith, § 321.7 (Alphabetical list of code members) is amended by adding thereto Supplements R-1 and R-II, and § 321.24 (General prices) is amended by adding thereto Supplement T, which supplements are hereinafter set forth and hereby made a part hereof.

*It is further ordered*, That pleadings in opposition to the original petition in the above-entitled matter and applications to stay, terminate or modify the temporary relief herein granted may be filed with the Division within forty-five (45) days from the date of this order, pursuant to the Rules and Regulations Governing Practice and Procedure before the Bituminous Coal Division in Proceedings Instituted Pursuant to section 4 II (d) of the Bituminous Coal Act of 1937.

*It is further ordered*, That the relief herein granted shall become final sixty (60) days from the date of this order, unless it shall otherwise be ordered.  
Dated: December 28, 1942.

[SEAL] DAN H. WHEELER,  
Director.

TITLE 30—MINERAL RESOURCES  
Chapter III—Bituminous Coal Division  
[Docket No. A-1770]  
PART 321—MINIMUM PRICE SCHEDULE,  
DISTRICT NO. 1  
ORDER GRANTING RELIEF, ETC.

Order granting temporary relief and conditionally providing for final relief in the matter of the petition of District Board No. 1 for the establishment of price classifications and minimum prices for the coals of certain mines in District No. 1.

An original petition, pursuant to section 4 II (d) of the Bituminous Coal Act of 1937, having been duly filed with this Division by the above-named party, requesting the establishment, both temporary and permanent, of price classifications and minimum prices for the coals of certain mines in District No. 1 and requesting changes in certain shipping points and a change in seam designation; and

It appearing that a reasonable showing of necessity has been made for the granting of temporary relief in the manner hereinafter set forth; and

No petitions of intervention having been filed with the Division in the above-entitled matter; and

*It is ordered*, That, pending final disposition of the above-entitled matter, temporary relief is granted as follows: Commencing forthwith, § 331.5 (*Alphabetical list of code members*) is amended by adding thereto Supplement R, and § 331.24 (*General prices in cents per net ton for shipment into all market areas*) is amended by adding thereto Supplement T, which supplements are herein after set forth and hereby made a part hereof.

*It is further ordered*, That pleadings in opposition to the original petition in the above-entitled matter and applications to stay, terminate or modify the temporary relief herein granted may be filed with the Division within forty-five (45) days from the date of this order, pursuant to the Rules and Regulations Governing Practice and Procedure before the Bituminous Coal Division in Proceedings Instituted Pursuant to section 4 II (d) of the Bituminous Coal Act of 1937.

*It is further ordered*, That the relief herein granted shall become final sixty (60) days from the date of this order, unless it shall otherwise be ordered. Dated: January 2, 1943.

[SEAL] DAN H. WHEELER, Director.

[Docket No. A-1799]  
PART 331—MINIMUM PRICE SCHEDULE,  
DISTRICT No. 11  
ORDER GRANTING RELIEF, ETC.

Order granting temporary relief and conditionally providing for final relief in the matter of the petition of District Board No. 11 for establishment of price classifications and minimum prices for Pell Mine No. 2.

An original petition, pursuant to section 4 II (d) of the Bituminous Coal Act of 1937, having been duly filed with this Division by the above-named party, requesting the establishment, both temporary and permanent, of price classifications and minimum prices for the coals of the Pell Mine No. 2, Mine Index No. 1372, of the Pell Coal Corporation; and

It appearing that a reasonable showing of necessity has been made for the granting of temporary relief in the manner hereinafter set forth; and

No petitions of intervention having been filed with the Division in the above-entitled matter; and

The following action being deemed necessary in order to effectuate the purposes of the Act:

TEMPORARY AND CONDITIONALLY FINAL EFFECTIVE MINIMUM PRICES FOR DISTRICT No. 11

NOTE: The material contained in these supplements is to be read in the light of the classifications, prices, instructions, exceptions and other provisions contained in Part 331, Minimum Price Schedule for District No. 11 and supplements thereto.

FOR ALL SHIPMENTS EXCEPT TRUCK

§ 331.5 Alphabetical list of code members—Supplement R

Mine index No.	Code member	Mine	Seam	Sub-district	Freight origin group	Price group	Shipping point	Railroad
1372	Pell Coal Corporation	Pell No. 2	B	BC	33	15	Stearleys	PRR.

Mine Index No. 1372 shall be included in Price Group 15 and shall take the same f. o. b. mine prices as other mines in Price Group 15 in Price Schedule No. 1, District No. 11. For All Shipments Except Truck. It shall also take the same adjustments in f. o. b. mine prices on account of differences in freight rates as are accorded Mine Index No. 84 and to mines in Freight Origin Group No. 33 of the Brazil Clinton Subdistrict having the same freight rate. Mine Index No. 1372 shall be accorded the same prices for railroad locomotive fuel, as shown in § 331.10 in Minimum Price Schedule No. 1, District No. 11, For All Shipments Except Truck, as are shown for Mine Index No. 84.

§ 321.7 Alphabetical list of code members—Supplement R-II  
(Alphabetical listing of code members having railway loading facilities, showing price classifications by size group numbers)

Mine index No.	Code member	Mine name	Subdistrict No.	Seam	Shipping point	Railroad	Freight origin group No.	1	2	3	4	5
108	Consolidation Coal Co.	Consolidation #1.	43	Big Vein	Ocean, Md.	C&P	66	D	D	D	D	D
109	Consolidation Coal Co.	Consolidation #3.	43	Big Vein	Hoffman, Md.	C&P	66	D	D	D	D	D
110	Consolidation Coal Co.	Consolidation #4.	43	Big Vein	Eckhart, Md.	C&P	66	D	D	D	D	D
111	Consolidation Coal Co.	Consolidation #10.	43	Tyson	Eckhart, Md.	C&P	66	E	E	E	E	E
113	Consolidation Coal Co.	Consolidation #17.	43	Tyson	Carlos Jct., Md.	C&P	66	(f)	(f)	(f)	(f)	(f)

† Indicates no prices or classifications effective for these size groups.  
NOTE.—The above prices are applicable only via the respective Freight Origin Group, Shipping Point, and Railroad shown for the respective mines. Shipping Points previously assigned to these mines are no longer applicable.

FOR TRUCK SHIPMENTS  
§ 321.24 General prices—Supplement T  
(Prices in cents per net ton for shipment into all market areas)

Code member index	Mine index No.	Mine	Subdistrict No.	County	Seam	All lump coal double screened, top size and over	Double screened, top size and under	Run of mine, mod.	1	2	3	4	5
Aquilla, James	3832	Codfish	4	Clarion	B	260	255	245	260	255	245	220	210
Boyard Coal Company (Frank D. Fair)	3863	Piney	4	Clarion	A	(f)	(f)	235	220	210	210	210	210
Cambria Mills Coal Co. #4 (Howard Apple)	3864	Cambria Mills #5	18	Cambria	C	270	(f)	245	235	225	225	225	225
Dorsch Coal Co. (Elmer E. Dorsch)	3831	Dorsch Coal Co.	26	Cambria	B	(f)	(f)	255	(f)	(f)	(f)	(f)	(f)
Eyerly, James F. (Hillside Coal Co.)	3865	Center Hall #2	21	Centre	A	255	(f)	230	220	210	210	210	210
Kronick, John P. (Patton Coal Co.)	3828	Patton #1	24	Cambria	D	(f)	(f)	245	(f)	(f)	(f)	(f)	(f)
Lyda, W. J. (Lyda Coal Co.)	3869	Lyda #3	22	Indiana	Pittsburgh	(f)	(f)	245	(f)	(f)	(f)	(f)	(f)
McLaughlin, James M.	3839	McLaughlin Coal	9	Centre	B	(f)	(f)	235	(f)	(f)	(f)	(f)	(f)
Rephan, James C.	3619	Rephan	43	Allegheny	Big Vein	(f)	(f)	240	(f)	(f)	(f)	(f)	(f)
Roxby & Sons (Charles Roxby)	3550	Roxby #2	34	Cambria	B	(f)	(f)	265	(f)	(f)	(f)	(f)	(f)
Wellwork Coal Co. (Andrew C. Wellwork)	204	Hawthorn #1	4	Clarion	1 E	260	255	235	220	210	210	210	210
Wellwork Coal Co. (Andrew C. Wellwork)	724	Hawthorn #3	4	Clarion	1 E	260	255	235	220	210	210	210	210
Yorkshire Coal Co.	3896	Homestead #2	19	Clearfield	D	(f)	(f)	280	(f)	(f)	(f)	(f)	(f)
Yorkshire Coal Co.	3857	Homestead #3	19	Clearfield	D	(f)	(f)	260	(f)	(f)	(f)	(f)	(f)
Yorkshire Coal Co.	3868	Homestead #4	19	Clearfield	D	(f)	(f)	266	(f)	(f)	(f)	(f)	(f)

† Indicates no classifications or prices effective for these size groups.  
1 Indicates correction in seam designation. Seam B no longer applicable.





VALUES OF FOREIGN MONETARY UNITS (AT PAR AS REGARDS GOLD UNITS; NON-GOLD UNITS HAVE NO FIXED PAR WITH GOLD)—Continued.

Country	Monetary unit	Value in terms of U. S. money	Remarks
Indo-China	Plaster	.....	Plaster pegged to French franc at the rate of 1 plaster=10 French francs; conversion of notes into gold suspended Oct. 2, 1936.
Ireland	Pound	8.2397	Conversion of notes into gold suspended Sept. 21, 1931.
Italy	Lira	.0526	New gold content of 46.77 milligrams of fine gold per lira established by monetary law of Oct. 5, 1936.
Japan	Yen	.8440	Embargo on gold exports Dec. 13, 1931.
Latvia	Lat	.....	Currency pegged to sterling Sept. 28, 1936, at 2,622 lat=£100; on Sept. 13, 1939, a law was passed providing that if the pound sterling should depreciate by more than 5 percent with respect to the United States dollar, or the Swedish krona, the Bank of Latvia shall take steps to keep the rate of exchange of the lat stable by basing it on gold or some other monetary unit.
Liberia	Dollar	1.6931	British money is principal circulating medium.
Lithuania	Litas	.1693	Free export of gold suspended Oct. 1, 1935.
Mexico	Peso	.....	To be later defined by law.
Netherlands and colonies	Guilder (florin)	.6806	Suspension of convertibility of notes into gold and restrictions placed on free gold exports—Sept. 26, 1935; gold export prohibition repealed by decree June 28, 1938; prohibition restored by Act of Nov. 25, 1938. The Anglo-Netherlands financial agreement of June 14, 1940, established the official rate of exchange between the Netherlands Indies guilder and the pound sterling at 7.60 guilders for £1 sterling. By act of September 20, 1940, the Netherlands Indies Volksraad decided, subject to later ratification by law, that the Java Bank shall fix the value of its stocks of gold coin and bullion at Fl. 2.121 per kilogram fine.
Newfoundland	Dollar	1.6931	Newfoundland and Canadian notes legal tender.
New Zealand	Pound	8.2397	Conversion of notes into gold suspended and export of gold restricted, Aug. 6, 1914; monetary regulations Dec. 1931.
Nicaragua	Coridoba	1.6933	Embargo on gold exports Nov. 13, 1931.
Norway	Krone	.4537	Conversion of notes into gold suspended Sept. 29, 1931.
Panama	Balboa	1.0000	U. S. money is principal circulating medium.
Paraguay	Peso (Argentine)	1.6335	Paraguayan paper currency is used; exchange control established June 28, 1932.
Persia (Iran)	Rial	.0824	Obligation to pay out gold deferred Mar. 13, 1932; exchange control established Mar. 1, 1936.
Peru	Sol	.4740	Conversion of notes into gold suspended May 18, 1932.
Philippine Islands	Peso	.5000	By act approved Mar. 16, 1935.
Poland	Zloty	.1839	Exchange control established Apr. 27, 1936.
Portugal	Escudo	.0749	Gold exchange standard suspended Dec. 31, 1931.
Rumania	Lei	.0101	Exchange control established May 18, 1932.
Salvador	Colon	.8466	Conversion of notes into gold suspended Oct. 7, 1931.
Spain	Peseta	.....	.....
Straits Settlements	Dollar	.9413	British pound sterling and Straits dollar and half dollar legal tender.
Sweden	Krona	.4537	Conversion of notes into gold suspended Sept. 29, 1931.
Switzerland	Franc	.....	Order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the franc at a value ranging between 190 and 215 milligrams of fine gold.
Thailand (Siam)	Baht (T'ien)	.7491	Conversion of notes into gold suspended May 11, 1932.
Turkey	Lira	.0714	100 piasters equal to the Turkish Lira; conversion of notes into gold suspended 1916; exchange control established Feb. 26, 1939.
Union of South Africa	Pound	8.2397	Conversion of notes into gold suspended Dec. 28, 1932.
Union of Soviet Socialist Republics	Chervonetz	8.7125	.....
Uruguay	Peso	.6583	Conversion of notes into gold suspended Aug. 2, 1914; exchange control established Sept. 7, 1931. New gold content of .585018 grams of pure gold per peso established by monetary law of Jan. 12, 1935.
Venezuela	Bolivar	.3267	Exchange control established Dec. 12, 1936.
Yugoslavia	Dinar	.0298	Exchange control established Oct. 7, 1931.

(Sec. 25, 28 Stat. 552; sec. 403, 42 Stat. 974; sec. 522, 46 Stat. 739; 31 U.S.C. 372) January 1, 1943.

(F. R. Doc. 43-674; Filed, January 14, 1943; 10:13 a. m.)

value so proclaimed varies by 5 per centum or more from a value measured by the buying rate in the New York market at noon on the day of exportation, conversion shall be made at a value measured by such buying rate, as determined and certified by the Federal Reserve Bank of New York and published by the Secretary of the Treasury pursuant to the provisions of section 522, title IV, of the Tariff Act of 1930. [SEAL]

D. W. BELL,  
Acting Secretary of the Treasury.

VALUES OF FOREIGN MONETARY UNITS (AT PAR AS REGARDS GOLD UNITS; NON-GOLD UNITS HAVE NO FIXED PAR WITH GOLD)

Country	Monetary unit	Value in terms of U. S. money	Remarks
Argentine Republic	Peso	\$1.6335	Given valuation is of gold peso. Paper nominally convertible at 44% of face value. Conversion suspended Dec. 16, 1929.
Australia	Pound	8.2397	Control of gold stocks and exports authorized Dec. 17, 1929.
Belgium	Belga	.1695	By decree of Mar. 31, 1936. One belga equals 5 Belgian francs. The Anglo-Belgian financial agreement of June 7, 1940, fixed the rate of exchange of the Belgian franc and the franc of the Belgian Congo at 176.625 francs for £1 sterling.
Bolivia	Boliviano	.6180	Conversion of notes into gold suspended Sept. 23, 1931.
Brazil	Cruzeiro (Milreis)	.0606	Based upon official rate of cruzeiro in terms of the dollar as announced by the Bank of Brazil. Conversion of Stabilization Office notes into gold suspended Nov. 23, 1930. Under decree law of October 6, 1942, the cruzeiro became the unit of currency, replacing the milreis.
British Honduras	Dollar	1.6931	Conversion of notes suspended Oct. 15, 1931.
Bulgaria	Lev	.0122	Exchange control established Apr. 16, 1933.
Canada	Dollar	1.6931	Dominion notes in gold suspended Oct. 19, 1931; redemption of gold for valuation at the rate of 4 paper pesos for one gold peso.
Chile	Peso	.2060	Conversion of notes suspended July 30, 1931.
China	Yuan	.....	Silver standard abandoned by decree of Nov. 3, 1935; bank notes made legal tender under Currency Board control; exchange rate for British currency primarily fixed at about 1 s. 2½ d., or about 29½¢ U. S., per yuan.
Hong Kong	Dollar	.....	Treasury notes and notes of the three banks of issue made legal tender by silver nationalization ordinance of Dec. 5, 1935; exchange fund created to control exchange rate.
Colombia	Peso	.5714	Obligation to sell gold suspended Sept. 24, 1931. New gold content of .56424 grams of gold 9/10 fine established by monetary law of Nov. 19, 1938, effective Nov. 30, 1938.
Costa Rica	Colon	.7879	Conversion of notes into gold suspended Sept. 18, 1914; exchange control established Jan. 16, 1932.
Cuba	Peso	1.0000	By law of May 25, 1934.
Czechoslovakia	Koruna	.....	Conversion of notes into gold suspended Sept. 29, 1931.
Denmark	Krone	4.537	U. S. money is principal circulating medium.
Dominican Republic	Dollar	1.6931	Conversion of notes into gold suspended Feb. 9, 1932.
Ecuador	Sucre	.3386	Conversion of notes into gold suspended Sept. 21, 1931.
Egypt	Pound (100 piasters)	8.3692	Conversion of notes into gold suspended June 28, 1933.
Estonia	Kroon	.4537	Conversion of notes into gold suspended Oct. 12, 1931.
Finland	Markka	.0426	Provisions of monetary law of Oct. 1, 1936, providing for gold content of franc, superseded by decree of June 30, 1937, which stated that the gold content of the franc shall be fixed ultimately by a decree adopted by the Council of Ministers. Until issuance of such decree a stabilization fund shall regulate the relationship between the franc and foreign currencies.
France	Franc	.....	.....
Germany	Reichsmark	.4033	Exchange control established July 13, 1931.
Great Britain	Pound Sterling	8.2397	Obligation to sell gold at legal monetary par suspended Sept. 21, 1931.
Greece	Drachma	.0220	Conversion of notes into gold suspended Apr. 29, 1932.
Guatemala	Quetzal	1.6931	Conversion of notes into gold suspended Mar. 6, 1933.
Haiti	Gourde	.2000	National bank notes redeemable on demand in U. S. dollars.
Honduras	Lempira	.8466	Gold exports prohibited Mar. 27, 1931; lempira circulates as equivalent of half of U. S. dollar.
Hungary	Penzo	.2061	Exchange control established July 17, 1931.
India [British]	Rupee	.6180	Obligation to sell gold at legal monetary par suspended Sept. 21, 1931.

**TITLE 32—NATIONAL DEFENSE**

**Chapter VIII—Board of Economic Warfare**

**Subchapter B—Export Control  
[Amendment 107]**

**PART 801—GENERAL REGULATIONS**

**PART 809—SHIPPING PRIORITY RATINGS**

**PROHIBITED EXPORTATIONS; CERTAIN  
PRINTED MATTER**

Section 801.2 *Prohibited exportations* is hereby amended to change the wording of a commodity classification and to accomplish a division thereof as follows:

The commodity classification now reading:

Commodity: *Dept. of Comm. No.*  
Printed matter, n. e. s. . . . . 9569.98

is hereby divided and amended to read:

Commodity: *Dept. of Comm. No.*  
Other printed matter, n. e. s. . . . . 9569.98  
Currency, banknotes, and uncancelled revenue stamps. . . . . 9569.98

Paragraph (a) of § 809.6 *Ratings assigned articles and materials under general license* is hereby amended to accomplish a division of a commodity classification for the purpose of assigning a different shipping priority rating to one type of commodity included in the classification by the assignment of the following shipping ratings to the following described commodities:

Schedule "B" No.	Commodity	Shipping rating
9569.98	Other printed matter, n. e. s. . . . .	D
9569.98	Currency, banknotes, and uncancelled revenue stamps. . . . .	B

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
*Chief of Office,  
Office of Exports.*

JANUARY 9, 1943.

[F. R. Doc. 43-666; Filed, January 14, 1943; 9:22 a. m.]

[Amendment 108]

**PART 801—GENERAL REGULATIONS**

**PROHIBITED EXPORTATIONS; CLOCKS AND WATCHES**

Section 801.2 *Prohibited exportations* is amended in the following particulars:

In the column headed "Gen. Lic. Group" the group designations assigned to the commodities listed below are amended to read as follows:

Commodity	Dept. of Commerce No.	Gen. Lic. Group
Clocks and watches:		
Watches, without jewels. . . . .	9580	C
Watch parts. . . . .	9589	O

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
*Chief of Office,  
Office of Exports.*

JANUARY 9, 1943.

[F. R. Doc. 43-667; Filed, January 14, 1943; 9:22 a. m.]

[Amendment 109]

**PART 801—GENERAL REGULATIONS**

**PROHIBITED EXPORTATIONS; PETROLEUM PRODUCTS AND TETRAETHYL LEAD**

Section 801.2 *Prohibited exportations* is amended in the following particulars: In the column headed "Gen. Lic. Group" the group designations assigned to the commodities listed below are amended to read as follows:

Commodity	Department of Commerce No.	Gen. Lic. Group
PETROLEUM PRODUCTS AND TETRAETHYL LEAD		
G—Other motor fuel and gasoline from which by commercial distillation there can be separated more than 3% of a total fraction having an A. S. T. M. end point of 300° F. which will have, with the addition of 3cc tetraethyl lead per gallon, an octane number by the A. S. T. M. Knock Test Method of 80 or more and not conforming to E of F. . . . .	5017.07	C

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
*Chief of Office,  
Office of Exports.*

JANUARY 9, 1943.

[F. R. Doc. 43-668; Filed, January 14, 1943; 9:22 a. m.]

[Amendment 110]

**PART 808—PROCEDURE RELATING TO SHIPMENT OF LICENSED EXPORTS TO THE OTHER AMERICAN REPUBLICS**

**APPLICATION FORM PRESCRIBED**

1. Section 808.5 *Application form prescribed* is hereby amended to read as follows:

§ 808.5 *Application form prescribed.* Applications for shipping space shall be made on the applicable form as follows: (a) Form BEW-166 shall be used regardless of the weight of the shipment when:

(1) An individual export license is required for the proposed exportation.

(2) The entire exportation is at, or is ready for shipment to, or will be ready for shipment to the port of exit from the United States within two weeks from the date the individual export license is received by the applicant.

(b) Form BEW-138 shall be used when:

(1) The provisions for the use of Form BEW-166 are not applicable.

(2) The entire exportation is at, or is ready for shipment to, or will be ready for shipment to the port of exit from the United States within three weeks from the date the application for freight space is submitted.

2. Section 808.6 *Application procedure* is hereby amended in the following particulars:

1. Paragraph (c) *Time to apply* is hereby deleted.

2. Paragraphs now lettered (d) to (f), both inclusive, are hereby relettered (c) to (e).

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
*Chief of Office,  
Office of Exports.*

JANUARY 14, 1943.

[F. R. Doc. 43-695; Filed, January 14, 1943; 11:30 a. m.]

[Amendment 111]

**PART 804—INDIVIDUAL LICENSES**

**WEIGHT AND VOLUME TOLERANCE**

Paragraph (e) of § 804.4 *Weight and volume tolerance* is hereby amended to read as follows:

(e) A tolerance up to ten (10%) per cent in volume over the volume specified on the license is allowed on shipments where there is a proportionate increase in quantity. The exporter may reduce the price per unit of quantity stated in the license whenever he so desires.

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
*Chief of Office,  
Office of Exports.*

JANUARY 9, 1943.

[F. R. Doc. 43-670; Filed, January 14, 1943; 9:23 a. m.]

[Amendment 112]

**PART 801—GENERAL REGULATIONS**

**PROHIBITED EXPORTATIONS; AIRCRAFT, ETC.**

Section 801.2 *Prohibited exportations* is hereby amended as follows:

1. The commodity description now appearing as follows:



Commodity	Unit	Dept. of Comm. No.	Gen. Lic. Group
Aircraft: Gliders.....	Units...	7943	C

is amended to read:

Commodity	Unit	Dept. of Comm. No.	Gen. Lic. Group
Aircraft (including gliders): Licensed by State Department.....			

2. The commodity description now appearing as follows:

Commodity	Unit	Dept. of Comm. No.	Gen. Lic. Group
Gliders.....	Units...	7943	O

is hereby deleted.

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951; Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
Chief of Office,  
Office of Exports.

JANUARY 9, 1943.

[F. R. Doc. 43-671; Filed, January 14, 1943; 9:22 a. m.]

[Amendment 113]

PART 802—GENERAL LICENSES

SHIP AND PLANE STORES, SUPPLIES AND EQUIPMENT

Subparagraph (4) of paragraph (b) of § 802.13 *Ship and plane stores, supplies and equipment* is hereby amended in the following particulars:

1. Group A is amended by changing the provision respecting "Meats" to read as follows:

Meats { fresh (not to exceed .75 lbs.)  
dried  
canned (not to exceed .06 lbs.)

2. Group D is amended by changing the same to read as follows:

Vegetables { fresh  
dried  
canned (not to exceed .25 lbs.)

Fruits { fresh  
dried  
canned (not to exceed .25 lbs.)

Total for Group D .75 lbs.

3. Group F is amended by changing the same to read as follows:

Cocoa  
Coffee (not to exceed .11 lbs.)  
Tea

Total for Group F .25 lbs.

(Sec. 6, 54 Stat. 714, Pub. Laws 75 and 638, 77th Cong.; Order No. 3 and Delegation of Authority No. 25, 7 F.R. 4951;

Delegation of Authority No. 31, 7 F.R. 9807)

PAUL CORNELL,  
Chief of Office,  
Office of Exports.

JANUARY 9, 1943.

[F. R. Doc. 43-672; Filed, January 14, 1943; 9:23 a. m.]

Chapter IX—War Production Board

Subchapter B—Director General for Operations

PART 3123—FLOOR FINISHING AND FLOOR MAINTENANCE MACHINES AND INDUSTRIAL VACUUM CLEANERS

[Amendment 1 of Limitation Order L-222]

Section 3123.1, *Limitation Order L-222* [8 F.R. 356], is hereby amended in the following respects:

1. Paragraph (b) (2) (i) is amended by deleting "January 15, 1943" and inserting "February 15, 1943" in lieu thereof.

2. Paragraph (b) (2) (iii) is amended by deleting "March 15, 1943" and inserting "April 15, 1943" in lieu thereof.

3. Paragraph (b) (3) (i) is amended by deleting "January 15, 1943" and inserting "March 1, 1943" in lieu thereof.

4. Paragraph (b) (3) (ii) is amended by deleting "March 15, 1943" and inserting "June 1, 1943" in lieu thereof.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 14th day of January 1943.

ERNEST KANZLER,  
Director General for Operations.

[F. R. Doc. 43-719; Filed, January 14, 1943; 4:48 p. m.]

PART 977—MANILA FIBER AND MANILA CORDAGE

[General Preference Order M-36, as Amended Jan. 15, 1943]

The fulfillment of requirements for the defense of the United States has created a shortage in the supply of Manila fiber and Manila cordage for defense, for private account and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

Now, therefore, it is hereby ordered, That:

§ 977.1 *General Preference Order M-36*—(a) *Applicability of priorities regulations.* This order and all transactions affected thereby are subject to the provisions of priorities regulations of the War Production Board, as amended from time to time.

(b) *Definitions.* For the purposes of this order:

(1) "Manila fiber" means fiber which is commonly known in the trade by this

term and also known as abaca or Manila hemp (either stripped or decorticated), Sumatra abaca and Panama abaca. Except as provided in paragraph (d) (1), Manila fiber does not mean the fiber grades of T, O, W, or Y, as established by the Insular Government of the Philippine Islands.

(2) "Manila cordage" means cables and ropes  $\frac{1}{8}$  inch in diameter and larger, and twines used for fishing nets, in which Manila fiber either alone or in combination with other materials is used, but does not include Manila cordage sold or delivered for its scrap value.

(3) "Class A cordage" means Manila cordage which contains such a combination of grades of Manila fiber as will at least equal the fiber quality requirements of Federal Specification T-R-601a.

(4) "Class B cordage" means Manila cordage which contains such a combination of grades of Manila fiber as will give a Becker value not in excess of thirty-nine, such Becker value to be determined according to the methods set forth in said Federal Specification T-R-601a.

(5) "Cordage processor" means any person other than the Navy of the United States who spins, twists, weaves or otherwise uses Manila fiber in the production of Manila cordage.

(6) "Processing" means any use of Manila fiber for the manufacture of any other article or commodity into which the Manila fiber goes or of which it becomes a part.

(7) "Dealer" means any person who procures Manila cordage for storage or for sale, and includes selling agents, and other commercially recognized agents acting for their own account or for others, whether or not acquiring title to such Manila cordage, but shall not include an importer.

(8) "Basic monthly poundage" with respect to any cordage processor shall be the average number of pounds per month of Manila cordage sold by such processor during the period January 1 through December 31, 1939. Where this order specifies a percentage of the basic monthly poundage to be processed, sold or delivered during any period, any cordage processor keeping his books on a weekly basis shall apply the said percentage to the weekly periods most nearly approximating the period specified.

(9) "Import" means to transport in any manner into the continental United States from any foreign country or from any territory or possession of the United States, including the Philippine Islands. It includes shipments into a free port, free zone or bonded custody of the United States Bureau of Customs (bonded warehouse) in the continental United States, and shipments in bond into the continental United States for transshipment to Canada, Mexico or any foreign country.

(c) *Restrictions on deliveries of Manila fiber.* No person shall hereafter make or accept delivery of any Manila fiber unless specifically authorized by the Director General for Operations: *Pro-*

vided, however, That deliveries of Manila fiber may be made:

(1) By and to the Navy of the United States.

(2) By and to the Defense Supplies Corporation.

(3) By and to persons importing or otherwise handling Manila fiber in accordance with written instructions from the Navy of the United States or from Defense Supplies Corporation, provided that such Manila fiber is to be delivered, either processed or unprocessed, directly, or through one or more other persons, to the Navy of the United States or to Defense Supplies Corporation.

(4) By importers to cordage processors of Manila fiber rejected by the Navy of the United States or Defense Supplies Corporation as unfit for their use.

(5) By cordage processors to cordage processors of Manila fiber which at the time of any such delivery had been previously imported into the United States.

(d) *Restrictions on processing of Manila fiber.* (1) No person shall begin the processing of any Manila fiber, including the fiber of grades T, O, W, or Y, as established by the Insular Government of the Philippine Islands, except for the purpose of manufacturing Class A or Class B cordage for sale or delivery to fulfill the orders hereafter specified in paragraph (e) (2), or such cordage as may be required to meet the specifications of orders of the Army or Navy of the United States, the United States Maritime Commission, or the War Shipping Administration or its operating or general agents.

(2) No cordage processor shall put into process in any month, commencing January 1, 1943, more Manila fiber than 37% of his basic monthly poundage, of which percentage not more than 20% shall be put into process to fill purchase orders for Manila cordage uses specified in paragraph (e) (2) (ii).

(3) Any cordage processor shall, notwithstanding the limitations of paragraphs (d) (2) and (e) (1), and in addition to any action permitted thereunder:

(i) Process into Manila cordage any Manila fiber furnished to the said cordage processor by the Army or Navy of the United States, the United States Maritime Commission, or the War Shipping Administration or its operating or general agents, and sell and deliver such cordage to, or for the account of, the agencies furnishing the fiber.

(ii) Process into Manila cordage such additional amounts of Manila fiber and sell and deliver such additional amounts of Manila cordage as may from time to time be determined by the Director General for Operations to be necessary in the public interest and to promote the national defense.

(e) *Restrictions on sales and deliveries of Manila cordage.* (1) During the period January 1 through March 31, 1943, no cordage processor shall sell or deliver more Manila cordage than 124½% of his basic monthly poundage, of which quantity not more than 20% shall be sold or delivered to fill purchase orders for Manila cordage uses specified in paragraph (e) (2) (ii).

(2) In addition to the limitations in paragraphs (e) (1) and (e) (3) no cordage processor or dealer shall sell or deliver any Manila cordage and no person shall purchase or accept delivery of any Manila cordage except to fill the following:

(i) Orders for Manila cordage for delivery to or for the account of the Army or Navy of the United States, the United States Maritime Commission, or the War Shipping Administration or its operating or general agents, or for physical incorporation in other products to be delivered to or for the account of the Army or Navy of the United States, the United States Maritime Commission, or the War Shipping Administration or its general or operating agents. Every such purchase order for physical incorporation into products to be delivered to or for the account of the foregoing named agencies shall be accompanied by a certificate in substantially the following form:

The undersigned hereby represents to his vendor and to the War Production Board that the Manila cordage covered by the annexed purchase order is for physical incorporation into the products to be delivered to

(Here insert name of one of the foregoing named agencies)  
pursuant to contract No. \_\_\_\_\_

\_\_\_\_\_ Name of purchaser

Date \_\_\_\_\_

By \_\_\_\_\_

Authorized person

(ii) Purchase orders for the following categories and uses:

(a) Purse lines for use in commercial fishing;

(b) Lines not less than 4½ inches in circumference used exclusively in towage or by ocean-going vessels engaged in the carriage of cargo and passengers as common carriers;

(c) Manila drilling cables for use in drilling oil wells, gas wells, and mines;

(d) Manila torpedo lines for use in handling explosives;

(e) Manila shot lines;

(f) Life boat falls for use on ocean, coastal or Great Lakes vessels of one thousand tons or over.

(iii) Purchase orders for Manila cordage:

(a) Carrying a preference rating of A-1-j or higher, evidenced by a preference rating certificate, or

(b) For use on vessels engaged in the carriage of cargo, as common carriers of passengers. in towage, in lighterage or in fishing for commercial fish markets or canneries for use in hoisting for the loading or discharge of cargo of such vessels, and for uses of shipbuilding: *Provided, however,* That the Manila fiber for the manufacture of cordage covered by the purchase order of the type specified in this paragraph (e) (2) (iii) (a) shall have been put into process by a cordage processor on or before September 14, 1942: *And provided further,* That Manila fiber for the manufacture of cordage covered by purchase orders of the categories specified in paragraph (e) (2) (iii) (b) shall have been put into process by a cordage processor on or before July 4, 1942.

(iv) Orders placed by Defense Supplies Corporation or Metals Reserve

Company: *Provided, however,* That no cordage processor or dealer shall deliver any Manila cordage upon any order placed with him pursuant to paragraph (e) (2) (ii) or (e) (2) (iii) (b), unless and until such processor or dealer shall have first received from the person placing such order a certificate signed on behalf of such person by a duly authorized individual in substantially the following form:

The undersigned hereby represents that the Manila cordage covered by this order will be used by the undersigned only for the uses specified in paragraph (e) (2) of General Preference Order M-36, as amended, with the terms of which the undersigned is familiar.

(3) No person, other than the Army or Navy of the United States, the United States Maritime Commission, the War Shipping Administration or its operating or general agents, the Defense Supplies Corporation, the Metals Reserve Company or an importer, shall hereafter order or accept delivery of any Manila cordage if the amount of the Manila cordage held or under control of such person exceeds one and one half months' supply for such person; and no person, other than those hereinabove excepted, shall have outstanding at any one time orders for future deliveries of Manila cordage in an amount greater than one month's supply for such person. "Supply" as used in this paragraph means the average monthly amount of Manila cordage withdrawn from the inventory of such person, which has been resold or put into actual use by such person, in the three calendar months immediately preceding the calendar month in which said order is placed or delivery is accepted, or in the three calendar months of the previous year which immediately follow the calendar month of that year corresponding with the month in which said order is placed or delivery is accepted, whichever shall be the higher: *Provided, however,* No person shall be entitled to count as withdrawn from inventory and resold or put into actual use, for the purpose of calculating his permitted supply, any lots of Manila cordage purchased expressly for and resold or delivered to the Army or Navy of the United States, the United States Maritime Commission, the Defense Supplies Corporation, or the Metals Reserve Company, but every such person shall be entitled to include in the said calculation as withdrawn from inventory and resold or put into actual use any lots of Manila cordage sold to any of the foregoing from his general supply of Manila cordage where such lots, or their equivalent, were not purchased by him expressly for such resale: *And provided further,* That nothing herein contained shall prohibit the importation of, or restrict the inventory of, imported Manila cordage which may be held by any dealer for whose account such Manila cordage was imported.

(f) *Control of stocks of Manila fiber.* Control is hereby taken of the distribution and use of Manila fiber. Any Manila fiber at any time hereafter in the inventory of any person shall be sold and delivered by such person if and as specifically directed in any order of the



Director General for Operations which may be issued whenever the Director General for Operations shall determine that a shortage of any particular grade of Manila fiber for defense, or for private account and for export, renders it necessary or appropriate so to allocate such Manila fiber in the public interest or to promote the national defense by so directing its sale and delivery by such person. Any such sale shall be made at the established prices and terms of sale and payment therefor. No person shall dispose of or use Manila fiber in any manner inconsistent with any such order.

(g) *Exclusions from this order.* The terms and provisions of this order shall not apply to:

(1) Sales and/or deliveries by any cordage processor or dealer of Manila cordage of any class from stocks on hand or in process as of February 20, 1942, of the following types:

- (i) Manila lariat rope,
- (ii) Manila yacht lariat rope,
- (iii) Manila transmission rope,
- (iv) Manila left laid spinning lines, not including cordage of cable construction suitable for use as drilling cables even though such products may have been purchased or sold for spinning lines.

(2) Any sales and/or deliveries by any cordage processor or dealer of Manila cordage which on December 19, 1941, was in the form of cut lengths of less than 200 feet.

(3) Any stock of Manila cordage which contains no Manila fiber of the following grades—AB Davao or non-Davao, 1 Davao, JI Davao, G. Davao,—S2 Davao, and which is so processed that the Manila fiber therein contained is combined or mixed with at least an equal amount of fiber other than Manila fiber, in the hands of a dealer or cordage processor, or in transit on February 20, 1942, or made from Manila fiber actually placed on machines by a cordage processor on or prior to December 19, 1941.

(4) Any Manila cordage imported into the United States on or after July 4, 1942, and which has been offered for sale to, and rejected in writing by, any two of the following:

- (i) The Army of the United States,
- (ii) The Navy of the United States,
- (iii) The United States Maritime Commission, or
- (iv) The War Shipping Administration or its operating or general agents.

(5) Delivery by or to any person having temporary custody of Manila cordage or Manila fiber solely for the purposes of transportation or the public warehousing thereof.

(h) *Appeal.* Any person affected by this order who considers that compliance therewith would work an exceptional and unreasonable hardship upon him, or that it would result in a degree of unemployment which would be unreasonably disproportionate compared with the amount of Manila fiber conserved, or that compliance with this order would disrupt or impair a program of conversion for nondefense work to defense work, may appeal to the Director General for Operations by letter or telegram Ref:

M-36, setting forth the pertinent facts and the reason he considers he is entitled to relief, or upon such form or forms as may hereafter be prescribed. The Director General for Operations may thereupon take such action as he deems appropriate. Applications for specific exceptions from the limitations of paragraph (e) (3) should be made in writing by the person desiring to use the cordage.

(i) *Reports.* Every importer of Manila fiber or Manila cordage and every processor of Manila fiber shall file with the U. S. Tariff Commission, acting for the War Production Board, not later than the tenth day of the following month, a report on form PD-128 and/or PD-129, and all persons affected by this order shall file with the War Production Board such reports as may from time to time be required by said Board.

(j) *Records.* All persons affected by this order shall keep and preserve for not less than two (2) years accurate and complete records concerning inventories, production, sales and other transactions pursuant to this order, and shall from time to time, upon request, submit all records required to be kept by this order to audit and inspection by duly authorized representatives of the War Production Board.

(k) *Violations.* Any person who willfully violates any provision of this order, or who, in connection with this order, willfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(l) *Communications to the War Production Board.* All reports to be filed, appeals and other communications concerning this order, unless otherwise stated, shall be addressed to the War Production Board, Textile, Clothing and Leather Division, Washington, D. C., Reference M-36.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,  
Director General for Operations.

[F. R. Doc. 43-723; Filed, January 15, 1943;  
9:21 a. m.]

PART 1052—KITCHEN, HOUSEHOLD AND  
OTHER MISCELLANEOUS ARTICLES

[Supplementary Limitation Order L-30-a, as  
Amended Jan. 15, 1943]

GALVANIZED WARE AND NON-METAL COATED  
METAL ARTICLES

§ 1052.2 *Supplementary Limitation  
Order L-30-a—(a) Definitions.* For the  
purposes of this order:

(1) "Restricted" when applied to any products or articles, means made of iron or steel which is zinc-coated or has a plain, japanned, painted, lithographed or lacquered finish.

(2) "Preferred order" means any purchase order, contract or subcontract for delivery to or for the account of the Army or Navy of the United States, the United States Maritime Commission or the War Shipping Administration.

(3) "Garbage, rubbish and ash receptacles" or "garbage cans and pails" do not include:

(i) Cans which are both specifically designed for, and of a type customarily used for, the disposal of oily waste or film scrap; or

(ii) Cans produced in fulfillment of preferred orders, provided such cans are constructed in accordance with United States Army Specifications Nos. 29-91 (dated October 18, 1939) or 29-91A (dated March 3, 1942), Federal Specification No. RR-C-81 (as amended May, 1936), Emergency Alternate Federal Specification No. E-RR-C-81 (dated April 30, 1941), or Bureau of Ships Specification No. 42C23 (INT) (dated June 1, 1942).

(4) "Pails," "buckets" or "tubs" do not include:

(i) Any pails, buckets or tubs designed expressly for use as packing or shipping containers; or

(ii) Any buckets produced in fulfillment of preferred orders, provided such buckets are constructed in accordance with Federal Specification No. RR-B-771a (dated March 3, 1939) or Emergency Alternate Federal Specification No. E-RR-B-771a (dated December 11, 1941).

(5) "Funnels" do not include any funnels produced in fulfillment of preferred orders, provided such funnels are constructed in accordance with Bureau of Ships Ad Interim Specification 41-F-6 (INT) For Funnels (dated December 1, 1941), or with Chemical Warfare Service Drawings Nos. E-81-5-6 (dated September 11, 1941), B-18-41-2 (revised January 27, 1942) or E-18-41-1 (revised November 22, 1941) or any subsequent drawings designed for Chemical Warfare Service needs.

(6) "Manufacturer" means any person who produces or assembles any restricted product or article, or any part for such product or article.

(7) "Put into process" means the first change by a manufacturer in the form of material from that form in which it is received by him.

(8) "Base period" means the twelve months ending June 30, 1941.

(b) *Restrictions on miscellaneous articles.* Except as provided in paragraph (g), on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any of the following restricted articles:

- (1) Watering pots,
- (2) Radiator and tractor filling cans (other than blitz cans),
- (3) Foot baths,



(4) Liquid and dry measures (other than oil measures with flexible spouts), except in fulfillment of preferred orders,

(5) Dippers, except in fulfillment of preferred orders,

(6) Ash sifters,

(7) Coal hods and scuttles,

(8) Utility baskets.

(c) Restrictions on garbage, rubbish and ash receptacles. (1) Except as provided in paragraph (g), on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any restricted garbage, rubbish or ash receptacles except garbage cans and pails as permitted in Schedule A attached to this order.

(2) No manufacturer shall put into process more iron and steel, by weight, in the production of restricted garbage cans and pails permitted under Schedule A:

(i) During the period from November 1, 1942 to December 31, 1942, inclusive, than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted garbage, rubbish and ash receptacles; or

(ii) During the period of three months beginning January 1, 1943, and during each succeeding period of three months, than three times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted garbage, rubbish and ash receptacles.

(d) Restrictions on pails, buckets and tubs. (1) Except as provided in paragraph (g), on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any restricted pails, buckets or tubs (other than fire buckets) except pails and buckets and wash tubs as permitted under Schedule A.

(2) On and after January 1, 1943, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any restricted fire bucket.

(3) Except in fulfillment of preferred orders and orders placed by Rubber Reserve Corporation, U. S. Commercial Corporation and Defense Supplies Corporation, no manufacturer shall put into process more iron and steel, by weight, in the production of:

(i) Restricted pails and buckets permitted under Schedule A:

(a) During the period from November 1, 1942 to December 31, 1942, inclusive, than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted pails and buckets (other than fire buckets and wringer buckets); or

(b) During the period of three months beginning January 1, 1943 and during each succeeding period of three months, than three times 10% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of re-

stricted pails and buckets (other than fire buckets and wringer buckets).

(ii) Restricted wash tubs permitted under Schedule A:

(a) During the period from November 1, 1942 to December 31, 1942, inclusive, than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted wash tubs; or

(b) During the period of three months beginning January 1, 1943, and during each succeeding period of three months, than three times 10% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted wash tubs.

(iii) Restricted fire buckets during the period from November 1, 1942 to December 31, 1942, inclusive, than three times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted fire buckets.

(4) On and after January 15, 1943, no manufacturer shall sell, lease, trade, ship, deliver or transfer any new restricted pails, buckets or wash tubs, except:

(i) That any pail, bucket or wash tub actually in transit on January 15, 1943 may be delivered to its immediate destination;

(ii) In fulfillment of preferred orders;

(iii) To Rubber Reserve Corporation, U. S. Commercial Corporation or Defense Supplies Corporation;

(iv) Pursuant to an order accompanied by a written certification signed by the person placing the order (which shall constitute a representation to the manufacturer and to the War Production Board) that the pails, buckets or wash tubs are to be used for one or more of the following purposes:

(a) As receptacles for oily rags or oily paper in industrial plants (non-galvanized only),

(b) For mixing gunpowders in munitions plants,

(c) In the preparation or manufacture of rubber, agar or other chemicals or drugs,

(d) For holding cement or rivets on construction jobs or projects (non-galvanized only),

(e) For maintenance or operation of railroads or other means of public transportation, or

(f) For settling emery in optical plants; or

(g) With specific authorization of the Director General for Operations granted on Form PD-556, pursuant to an application filed on such form, which application should contain full information showing that the pails, buckets or wash tubs are to be used for industrial purposes where pails, buckets and tubs made from substitute materials cannot be used.

(e) Restrictions on wash boilers and fire shovels. (1) Except as provided in paragraph (g), on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any:

(i) Restricted wash boiler except as permitted in Schedule A; or

(ii) Restricted fire shovel more than 22 inches in length.

(2) No manufacturer shall put into process more iron and steel, by weight, in the production of:

(i) Restricted wash boilers permitted under Schedule A:

(a) During the period from November 1, 1942 to December 31, 1942, inclusive, than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him in the base period in the production of wash boilers (whether restricted or not); or

(b) During the period of three months beginning January 1, 1943, and during each succeeding period of three months, than three times 50% of the average monthly amount of iron and steel, by weight, put into process by him in the base period in the production of wash boilers (whether restricted or not).

(ii) Restricted fire shovels:

(a) During the period from November 1, 1942 to December 31, 1942, inclusive, than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted fire shovels; or

(b) During the period of three months beginning January 1, 1943, and during each succeeding period of three months, than three times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted fire shovels.

(f) Restrictions on funnels, refrigerator pans and cans designed for the storage of oil, gasoline or kerosene. (1) Except as provided in paragraph (g), on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of any restricted funnel except as permitted in Schedule A.

(2) On and after January 15, 1943, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in the production of:

(i) Any restricted funnels or refrigerator pans; or

(ii) Any restricted cans, with a capacity of one to five gallons, inclusive, designed for the storage of oil, gasoline or kerosene, except

(a) In fulfillment of preferred orders,

(b) Cans commonly known as safety cans, used for the storage of inflammable liquids, or

(c) Cans used as operating supplies by railroads or other common carriers, provided that all such cans are produced and sold only in fulfillment of purchase

orders from railroads or other common carriers;

(3) During the period from November 1, 1942 to December 31, 1942, inclusive, no manufacturer shall put into process in the production of:

(i) Restricted funnels, more than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted funnels;

(ii) Restricted refrigerator pans more than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of restricted refrigerator pans; or

(iii) Restricted cans designed for the storage of kerosene with a capacity of from one to five gallons, inclusive, more than two times 50% of the average monthly amount of iron and steel, by weight, put into process by him during the base period in the production of such restricted cans.

(g) *Exceptions.* Notwithstanding the provisions of paragraphs (b), (c) (1), (d) (1), (e) (1) and (f) (1), a manufacturer may produce any restricted article mentioned in these paragraphs from iron and steel which, on November 12, 1942, had been cut or blanked to size for such restricted article by him or by any other person: *Provided*, That such restricted article is completed on or before December 7, 1942, except for the application of a zinc or other coating and the attaching of bails, handles, spouts or ears, which may be done thereafter.

(h) *Applicability of other orders.* The provisions of this order shall supersede the provisions of Limitation Order L-30 in respect to restricted articles covered by this order, but nothing in this order shall be deemed in any way to affect the provisions of said Order L-30 and other orders in respect to any other articles or products. In so far as any other order restricts the use of any material in the production of any restricted articles to a greater extent than the limits imposed by this order, the restrictions of such other order shall govern unless otherwise specified therein.

(i) *Applicability of priorities regulations.* This order and all transactions affected thereby are subject to all applicable provisions of the priorities regulations of the War Production Board, as amended from time to time.

(j) *Appeal.* Any appeal from the provisions of this order should be made on Form PD-500, directed to the War Production Board, Consumers' Durable Goods Division, Washington, D. C., Ref: L-30-a.

(k) *Avoidance of excessive inventories.* No manufacturer shall accumulate, for use in the manufacture of restricted articles covered by this order, inventories of raw materials, semi-processed materials, or finished parts in quantities in excess of the minimum amount necessary to maintain production of such restricted articles as permitted by this order.

(l) *Records.* All persons affected by this order shall keep and preserve for not less than two years, accurate and complete records concerning inventories, production and sales.

(m) *Audit and inspection.* All records required to be kept by this order shall, upon request, be submitted to audit and inspection by duly authorized representatives of the War Production Board.

(n) *Reports.* (1) All persons affected by this order shall execute and file with the War Production Board such reports and questionnaires as said Board shall from time to time require.

(2) Each manufacturer shall file with the War Production Board, on or before the tenth day of each calendar month, beginning December 10, 1942, a report on Form PD-655 showing all shipments of restricted articles covered by this order made during the preceding calendar month, together with a statement of stocks of such articles on hand at the beginning and end of such month.

(o) *Violations.* Any person who willfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States, is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control

and may be deprived of priorities assistance.

(p) *Communications.* All reports required to be filed hereunder and all communications concerning this order shall, unless otherwise directed, be addressed to the War Production Board, Consumers' Durable Goods Division, Washington, D. C., Ref: L-30-a.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,  
Director General for Operations.

#### SCHEDULE A

NOTE: Schedule A was amended January 15, 1943.

Under paragraphs (c) (1), (d) (1), (e) (1) and (f) (1) of Limitation Order L-30-a, except as provided in paragraph (g) of that order, on and after November 12, 1942, no manufacturer shall process, fabricate, work on or assemble any iron or steel for use in certain restricted articles unless such restricted articles fall within the permissible sizes and other limitations set forth in this schedule. When a manufacturer is permitted by this schedule to make more than one size of any restricted article, each size he manufactures shall fall within a different one of the size ranges specified.

Articles	Number of sizes permitted each manufacturer	Size (actual capacity or dimensions)	Gauges
Garbage cans and pails (covers must not be zinc-coated).	4	5-7 gallons.....	26-31 gauge.
		9-11 gallons.....	26-31 gauge.
		20 gallons*.....	26-31 gauge.
		27 gallons*.....	22-24 gauge.
Pails and buckets (other than fire buckets and wringer buckets).	2	10 quarts*.....	28 gauge and lighter.
		14 quarts*.....	28 gauge and heavier.
		14 gallons*.....	28 gauge and lighter.
Wash tubs (without stands or legs).....	1	11 to 14½ gallons.....	28 gauge and lighter.
Wash boilers.....	1	10" to 15" in diameter of bowl by 9½" to 12½" deep.	Unlimited.
Funnels (with or without wire strainers).....	Unlimited		

\*The capacity or dimensions of these sizes may vary 10% from the figures stated.

[F. R. Doc. 43-724; Filed, January 15, 1943; 9:22 a. m.]

#### PART 1112—OFFICE MACHINERY

[General Limitation Order L-54-c, as Amended January 15, 1943]

The fulfillment of requirements for the defense of the United States has created a shortage in the supply of certain materials used in the production of office machinery for defense, for private account and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 1112.4 *General Limitation Order L-54-c—(a) Definitions.* For the purposes of this order:

(1) "Office machinery" means machinery, including attachments thereto, of the types listed on Lists A, B, C, or D attached to this order as amended from time to time.

(2) "New" office machinery means office machinery which has not been de-

livered to any person acquiring it for use. The term shall not describe any machine which has been delivered for trial, loan, rental or demonstration at any time prior to March 14, 1942. "Used" office machinery means office machinery other than new office machinery.

(3) "Restricted office machinery" means:

(i) Any new office machinery listed on Lists A, B, and C.

(ii) Any new machines and collateral equipment intended for use for dictating purposes.

(iii) Any used office machinery listed on Lists A, B, and C which on November 11, 1942 is in, or which thereafter comes into, the possession of its manufacturer for any purpose other than mere repair or reconditioning, and the manufacture of which was completed after December 31, 1940, and



(iv) Any used punched card tabulating machinery which on November 11, 1942 is in, or which thereafter comes into, the possession of its manufacturer for any purpose other than mere repair or reconditioning, regardless of its age.

(4) "Manufacturer" means any person manufacturing new office machinery or sets of parts, to the extent that he is engaged in such manufacture, and shall include majority-owned sales, distribution, and manufacturing subsidiaries.

(5) "Dealer" means any wholesaler, retailer or other distributor of restricted office machinery other than a sales or distribution subsidiary of a manufacturer, and shall include any person, firm or corporation normally receiving restricted office machinery on consignment.

(6) "Delivery" includes any physical transfer of restricted office machinery, and includes transfers for trial, loan, rental, demonstration or other use; but the terms shall not include the transfer to the consignee, designated on the shipping documents, of any new restricted office machinery actually in transit on June 1, 1942, or of any other restricted office machinery actually in transit on November 11, 1942.

(7) "Army or Navy of the United States" and "Maritime Commission" include the War Department, the Navy Department, and the Maritime Commission, respectively, but shall not include any privately operated plant, shipyard, training school, or other enterprise controlled or financed by the Army or Navy of the United States, the Maritime Commission, or any other agency of the United States Government, nor any plant or shipyard privately operated on a cost-plus-fixed-fee basis under the control or direction of the Army or Navy of the United States, the Maritime Commission, or any other agency of the United States Government.

(8) "Lend-Lease purchaser" means any person requesting authorization to receive delivery of restricted office machinery for export to any country, the government of which is entitled to the benefits of the Act of March 11, 1941, entitled "An Act to Promote the Defense of the United States."

(9) "Sets of parts" means parts for office machinery produced at plants in the United States for shipment to foreign countries for assembly into new office machinery of the types listed on Lists A, B, and C.

(b) *Restrictions on production*—(1) *List A and List B quotas.* No manufacturer of any kind of new office machinery listed on List A or List B or of sets of parts for such kinds of machinery shall manufacture any such machinery or sets of parts in excess of the sum of the quotas established by paragraphs (b) (1) (i) and (b) (1) (ii) of this order.

(i) *1942 quotas.* Between June 1, 1942, and December 31, 1942, inclusive, a manufacturer of new office machinery of any kind listed on List A or List B, or of sets of parts for such kind of machinery, may manufacture a total dollar value of new office machinery of such kind (including sets of parts, but excluding spe-

cial machines to be delivered under paragraph (c) (3) of this order and machines to be delivered free of restrictions pursuant to an election under paragraph (e) (1) (iv) of the original order L-54-c) equal to seven (7) times the percentage specified in Column I of List A or List B of the average monthly dollar value during the calendar year 1941 of the new office machinery of such kind billed to customers by such manufacturer plus the new office machinery of such kind exported in the form of sets of parts.

(ii) *1943 quotas.* Between January 1, 1943 and December 31, 1943, inclusive, a manufacturer of new office machinery of any kind listed on List A or List B, or of sets of parts for such kind of machinery, may manufacture a total dollar value of new office machinery of such kind (including sets of parts, but excluding special machines to be delivered under paragraph (c) (3) of this order and machines to be delivered free of restrictions pursuant to an election under paragraph (e) (1) (iv) of the original order L-54-c) equal to the percentage specified in Column II of List A or List B of the total dollar value of the new office machinery of such kind billed to customers by such manufacturer during the calendar year 1941 plus the new office machinery of such kind exported in the form of sets of parts during the calendar year 1941.

(iii) *Basis of leased machinery.* Any manufacturer whose customary practice has been to lease substantially all of any particular kind of new office machinery shall base his production quota of such kind of new office machinery upon the aggregate of the average monthly number of new units assembled and sets of parts exported during the calendar year 1941. The number of sets of parts exported in 1941 shall be considered as equal to the number of units into which such sets of parts were ultimately assembled.

(iv) *Valuation of production.* The dollar value of assembled new office machinery billed during the calendar year 1941 by the manufacturer to either domestic or foreign customers, and the dollar value of assembled new office machinery manufactured after June 1, 1942, shall be based upon the retail list price of such machinery to domestic customers. The dollar value of sets of parts shall be based upon the retail list price of the same kind of machinery, when assembled, to domestic customers. The number of sets of parts exported shall be considered as equal to the number of units into which such sets of parts were ultimately assembled.

(2) *Further restrictions on List A production.* (i) No manufacturer shall commence fabrication, or cause fabrication to be commenced, of any material for parts, or contract to purchase parts, for the assembly of any new office machinery listed on List A other than the machinery which he is allowed to produce under the terms of this order.

(ii) After December 31, 1942, no manufacturer shall fabricate, cause to be fabricated, or contract to purchase, parts for the assembly of new office machinery listed on List A.

(iii) After December 31, 1943, no manufacturer shall assemble any of the kinds of new office machinery listed on List A.

(3) *Further restrictions on List B production.* (i) No manufacturer shall commence fabrication, or cause fabrication to be commenced, of any material for parts, or contract to purchase parts, for the assembly of any new office machinery listed on List B other than the machinery which he is allowed to produce under the terms of this order.

(ii) After December 31, 1942, no manufacturer shall fabricate, cause to be fabricated, or contract to purchase, more than 25% of the parts required for the assembly of the new office machinery listed on List B (except calculating and computing machines) which he is permitted to manufacture during the entire period from June 1, 1942, to December 31, 1942.

(iii) After March 31, 1943, no manufacturer shall fabricate, cause to be fabricated or contract to purchase, parts for the assembly of new calculating or computing machines.

(4) *Restrictions on List C production.*

(i) No manufacturer shall manufacture any new office machinery listed on List C or sets of parts therefor, except machines to fill orders approved under paragraphs (c) (2) through (c) (5) inclusive of this order, to fill orders of the Army or Navy of the United States or of the Maritime Commission which were actually on hand on November 11, 1942, and to maintain the minimum practicable working inventory under the circumstances.

(ii) No manufacturer shall commence fabrication, or cause fabrication to be commenced, of any material for parts, or contract to purchase parts, for the assembly of any new office machinery listed on List C other than the machinery which he is allowed to produce under the terms of this order.

(5) *Restrictions on List D production.* No manufacturer shall fabricate, cause to be fabricated, or contract to purchase, parts for the assembly of any new office machinery listed on List D. No manufacturer shall assemble any new office machinery listed on List D.

(6) *Repair and service parts.* The restrictions upon the manufacture of new office machinery contained in this paragraph (b) shall not apply to the manufacture of parts to be used to service or repair any kind of office machinery listed on Lists A, B, C, and D.

(7) *Discontinued new office machinery.* No manufacturer shall fabricate parts for any new office machinery or assemble any new office machinery of any kind which he elected to deliver free of all restrictions pursuant to paragraph (e) (1) (iv) of the original order L-54-c.

(c) *Restrictions on delivery*—(1) *General restrictions.* Regardless of the terms of any contract of sale or purchase, or other commitment, or of any preference rating, or any blanket preference rating order, no manufacturer or dealer shall deliver any restricted office machinery except as provided in para-



graphs (c) (2) to (c) (7) inclusive of this order other than machines which may be delivered free of restrictions pursuant to an election under paragraph (e) (1) (iv) of the original order L-54-c.

(2) *Back orders.* A manufacturer or dealer may deliver restricted office machinery to fill orders of the Army or Navy of the United States which were actually on hand on June 1, 1942.

(3) *Special orders.* Manufacturers or dealers may apply for authorization to deliver special restricted office machinery which, on June 1, 1942, was assembled, or in the process of fabrication and assembly, but which could not otherwise be delivered under the terms of this order. Such application may be made by filing with the War Production Board, in triplicate, plainly marked "Ref: L-54-c", a letter containing a list of all such orders, together with such information as will support the representation of the manufacturer or dealer that the machinery is special. As used in this paragraph, a "special" machine is a machine built to special specification for a customer, with features which render it unusable except by a small class of persons similarly situated.

(4) *Future orders of the Army, Navy and Maritime Commission.* From time to time, the Director General for Operations will notify manufacturers and dealers, on Form PD-423, of quantities of restricted office machinery which may be delivered without further authorization for the use of the Army or Navy of the United States, or the Maritime Commission, in preference to any other deliveries except when specifically instructed otherwise by the Director General for Operations. Manufacturers and dealers may not deliver restricted office machinery on preference rating certificates PD-3 and PD-3a, except to fill back orders of the Army or Navy of the United States pursuant to paragraph (c) (2) of this order.

(5) *Future orders of other persons.* (i) Except as provided in paragraphs (c) (2), (c) (3), (c) (4), and (c) (7) of this order, no manufacturer or dealer shall deliver any restricted office machinery to fill any order unless the order is accompanied by a preference rating certificate PD-1A issued after May 31, 1942 and prior to December 1, 1942, or by an authorization to deliver the machinery on a Form PD-688 signed by the Director General for Operations, surrendered to the manufacturer or dealer. Such preference rating certificate PD-1A, or Form PD-688, may be used to secure restricted office machinery only by the person to whom it was directly issued and only when such office machinery is expressly specified on the certificate.

(ii) Persons entitled to restricted office machinery by virtue of a preference rating certificate PD-1A who do not surrender such certificate, but retain the same, as permitted by Priorities Regulation No. 3, as amended from time to time, shall, in addition to furnishing the endorsement required by such Priorities Regulation No. 3, certify to the manufacturer or dealer from whom the machinery is to be acquired that the

certificate was originally issued to such person and that the machinery was expressly specified on the certificate.

(iii) Except when specifically instructed otherwise by the Director General for Operations, the sequence of deliveries of machines authorized on PD-688 certificates shall be determined by the delivery dates specified in the respective certificates. In any case where delivery dates are the same, or it is impossible to make all deliveries on schedule, the sequence of deliveries shall be determined by the respective dates on which the PD-688 certificates were received by the supplier named in such certificates.

(6) *Intracompany deliveries.* Without further authorization, a manufacturer may for the purpose of redelivery, but not for use, deliver restricted office machinery from one branch, division or section of his enterprise, including majority-owned sales, distribution and manufacturing subsidiaries, to another branch, division or section of the same enterprise, including majority-owned sales, distribution and manufacturing subsidiaries, except that he may not deliver to a subsidiary, branch, or other outlet located outside of the United States, its territories, and possessions.

(7) *Delivery to dealers and returns to manufacturers.* Without further authorization, dealers may return restricted office machinery to any manufacturer willing to accept the same and manufacturers may accept all such restricted office machinery from dealers. Without further authorization, manufacturers or dealers may deliver restricted office machinery to dealers in the following instances only:

(i) To fill an order, authorized by the terms of the original order L-54-c or this order L-54-c as amended, already received by such dealer, or to replace restricted office machinery delivered by such a dealer from his inventory to fill an order authorized by the terms of the original order L-54-c or this order L-54-c as amended. In either case, such dealer shall furnish to the manufacturer or to the other dealer a photostat or certified copy of the PD-1A, PD-688, or other authorized basis for delivery of restricted office machinery. Reproduction of any PD-1A, PD-688, or any other document for such purpose is hereby permitted.

(ii) To store or display such restricted office machinery on the dealer's premises in the United States, its territories and possessions, provided that the restricted office machinery so stored or displayed is in the absolute control and ownership of the manufacturer or delivering dealer and may be removed, transferred or shipped by such manufacturer or delivering dealer at any time in his discretion.

(8) *Deliveries under General Conservation Order L-148.* The issuance of an authorization on Form PD-423 or on Form PD-688 to deliver a time stamp machine, a time recording machine, or collateral equipment shall constitute a preference rating of A-7 or higher within the meaning of § 1095.4, General Conservation Order L-148, for the particular items authorized to be delivered.

(d) *Special procedures and information.* (1) Private contractors engaged in construction work for the Army, Navy, Maritime Commission or Defense Plant Corporation and private operators of any plant, shipyard, training school or other enterprise controlled or financed, on a cost-plus-fixed-fee basis or otherwise, by the Army or Navy of the United States, the Maritime Commission or any other agency of the United States Government shall, when requesting restricted office machinery on Form PD-688, furnish a certification by the Government inspector assigned to the project (1) that no Government equipment is available for use in lieu of the equipment requested, (2) that the contractor or operator has no equipment available from any other source for use in lieu of the equipment requested, and (3) that the equipment requested is to be used exclusively by the contractor's or operator's private personnel for the duration of the project on work which the contractor is required to perform under the terms of his contract.

(2) Lend-Lease purchasers shall accompany their applications on Form PD-688 with a formal recommendation by the Lend-Lease Administration that such request be granted.

(3) Any person, other than the Army or Navy of the United States, the Maritime Commission, or any Lend-Lease purchaser, desiring to acquire restricted office machinery for export from the United States, except to Canada, must first apply to the Office of Export Control, Board of Economic Warfare, Washington, D. C., for an Export License, accompanying such application with an application on Form PD-688 for permission to receive delivery. If the Office of Export Control decides that an Export License should be issued to the applicant, a statement of such decision, together with the application on Form PD-688 and a formal recommendation that the application be granted, is to be forwarded to the War Production Board.

(e) *Sets of parts.* No person shall deliver any sets of parts for export from the United States unless the Director General for Operations has authorized such delivery on Form PD-423. Any person desiring to deliver sets of parts for export shall apply by letter to the War Production Board, enclosing with his application a Form PD-423 duly prepared for authorization. He shall state in his application the number of units of machinery which may be assembled from such sets of parts, the model numbers of such machines, and the equivalent retail price of similar completed machines when sold in the United States. The authorization to produce sets of parts given by paragraph (b) of this order and the authorization to deliver sets of parts for export given by the Director General for Operations on Form PD-423 shall not be construed to authorize the exportation of such sets of parts unless an export license can be secured. No manufacturer so producing and delivering sets of parts for export shall directly or indirectly import any new office machinery of the kinds listed on List A, List B, or List C into the United States.

(f) *Restrictions on types, styles, models, specifications, and use of materials—*

(1) *Elimination of models.* The Director General for Operations may, from time to time, order the cessation of production or delivery of any model, style, or type of office machinery, including attachments or repair parts thereof.

(2) *Issuance of schedules.* The Director General for Operations may, from time to time, issue schedules establishing simplified practices with respect to the types, sizes, forms, materials, or specifications of office machinery. After the effective date of any such schedule, no office machinery shall be fabricated or assembled, except such as conforms to the issued schedule and except as specifically permitted by such schedule.

(3) *Elimination of motor driven machines.* (i) On and after November 1, 1942, no manufacturer of new duplicating machines of the spirit, gelatin, or stencil types shall incorporate electric motors in more than 20 percent of the aggregate number of duplicating machines of those kinds that he is permitted to produce under his quotas. The incorporation of electric motors in other types of duplicating machines by their manufacturers shall be discontinued except for those styles of machines where motors are essential to their operation.

(ii) No manufacturer of adding machines shall incorporate any electric motor in a new adding machine except a machine for the assembly of which all the necessary parts, including motors not useful for any other purpose, were available or in process on September 8, 1942.

(g) *Applicability of priorities regulations.* This order and all transactions affected thereby are subject to all applicable provisions of the priorities regulations of the War Production Board as amended from time to time.

(h) *Appeals.* Any appeal from the provisions of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of the appeal.

(i) *Records.* All manufacturers and dealers affected by this order shall keep and preserve for not less than two years accurate and complete records concerning inventory, production and sales of restricted office machinery, and shall, upon request, make such records available for audit and inspection by duly authorized representatives of the War Production Board.

(j) *Reports.* All persons affected by this order shall execute and file with the War Production Board such reports and answers to questionnaires as the War Production Board shall from time to time request.

(k) *Violations.* Any person who willfully violates any provision of this order, or who willfully furnishes false information to the Director General for Operations in connection with this order is guilty of a crime and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing

or using materials under priority control and may be deprived of priorities assistance by the Director General for Operations.

(l) *Communications to War Production Board.* All reports required to be filed hereunder, all communications concerning this order, and all applications shall, unless otherwise directed, be addressed to: War Production Board, Services Division, Washington, D. C.; Ref: L-54-c.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R.329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2(a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,  
Director General for Operations.

LIST A

	I	II
1. Adding machines.....	55%	12%
2. Microfilm machines designed for office functions.....	50%	10%
3. Shorthand writing machines.....	70%	10%
4. Time stamp machines and collateral equipment.....	100%	42%

LIST B

NOTE: List B was amended January 15, 1943.

1. Accounting machines, book-keeping machines, and billing machines (accounting principle). Also continuous forms handling machines typewriter principle, having carbon paper handling devices constructed as an integral part of the machine, and collateral equipment, except autographic registers.....	91%	30%
2. Addressing machines, including but not limited to embossing machines for plates, and stencil-cutting machines embodying typewriter principle.....	88%	42%
3. Calculating and computing machines.....	91%	23%
4. Duplicating machines, including but not limited to ink ribbon, gelatin, spirit, stencil and reproducing typewriter principle machines and multilith and Davidson duplicators.....	100%	48%
5. Office composing machines (changeable type, changeable horizontal and vertical spacing, uniform impression).....	100%	100%
6. Punched card tabulating and accounting machines and collateral equipment.....	100%	25%
7. Time recording machines and collateral equipment, except watchmen's clocks....	100%	64%

LIST C

1. Dictating types of machines embodying amplifiers and other facilities for recording telephone conversations, conferences, and wireless messages, with near and far voice control
2. Payroll denominating machines

LIST D

1. Autographic registers.
2. Cash (registering) machines.

3. Change making machines.
4. Check cancelling machines.
5. Check cutting machines.
6. Check dating machines.
7. Check endorsing machines.
8. Check numbering machines.
9. Check perforating machines.
10. Check protecting machines.
11. Check signing machines.
12. Check sorting machines.
13. Check writing machines.
14. Coin counting machines.
15. Coin sorting machines.
16. Coin wrapping machines.
17. Machines and collateral equipment intended for use for dictating purposes.
18. Envelope contents folding machines.
19. Envelope handling machines.
20. Envelope mailing machines.
21. Envelope opening machines.
22. Envelope sealing machines.
23. Envelope stuffing machines.
24. Mail room folding machines.
25. Postal permit mailing machines.
26. Stamp affixing machines.

INTERPRETATION 1

Under paragraph (e) (1) (iii) (a) of Order L-54-c, the Director General for Operations notifies manufacturers and dealers, on Form PD-423 of quantities of new office machinery which "shall be delivered to the Army, the Navy, or the Maritime Commission, without further authorization." Under paragraph (e) (1) (iii) (b) of the same order, manufacturers and dealers may not deliver new office machinery except pursuant to an order "(other than an order for the Army, the Navy or the Maritime Commission)" accompanied by a preference rating on Form PD-1A.

Whether a delivery is "to" the Army, Navy or Maritime Commission within the meaning of paragraph (e) (1) (iii) (a) and whether an order is "for" the Army, Navy or Maritime Commission within the meaning of paragraph (e) (1) (iii) (b) are determined by the use to be made of the machinery. Delivery is considered as being made "to" the person for whose use the machinery is intended, whether delivery is made directly to such person or through an intermediary. An order is considered to be "for" the person for whose use the machinery is intended, whether the order is placed directly by such person or through an intermediary.

The terms "Army of the United States," "Navy of the United States" and "Maritime Commission" are defined in paragraph (a) (6) to exclude certain cost-plus-fixed-fee contractors. Accordingly, if an order is placed for machinery to be installed by such a contractor but intended for use by the Army, Navy or Maritime Commission, authorization should be secured on Form PD-423. On the other hand, if an order is placed for machinery to be used by such a contractor during the performance of his contract, it must be accompanied by a preference rating on Form PD-1A. These rules apply irrespective of the person or agency which places the order. (Issued August 18, 1942.)

[F. R. Doc. 43-725; Filed, January 15, 1943; 9:21 a. m.]

PART 1198—GLASS CONTAINER AND CLOSURE SIMPLIFICATION

[Schedule E to Limitation Order L-103, as Amended Jan. 15, 1943]

GLASS CONTAINERS FOR PROTECTIVE COATINGS

§ 1198.6 *Schedule E to Limitation Order L-103—(a) Definitions.* For the purposes of this schedule:



(1) "Protective coatings" means paints (including paste water paints), varnishes, lacquers, shellacs, stains, linseed oil, turpentine, benzine, mineral spirits, varnish and paint removers, thinners and driers. The term shall not include inks or artists' supplies.

(2) A "standard glass container for protective coatings" means:

(i) A glass container described in Exhibits E-1 to E-8, inclusive, of this schedule;

(ii) A glass container described in Exhibits 6, 7, 10, 11, 15, 16, 18 and 24 of Limitation Order L-103;

(iii) The containers marked "gallon" and "half-gallon" in Exhibit 23 of Limitation Order L-103;

which possesses the finish prescribed for the respective container in the said Exhibits or any other Glass Container Association standard finish which is interchangeable therewith without alteration of the specified body mold.

(b) *Restrictions on use.* With the exceptions set forth in paragraph (c) of this schedule, on and after January 1, 1943,

(1) No person shall use a glass container other than a standard glass container as herein defined for the packaging of protective coatings for sale or for sample purposes.

(2) No person shall use the standard glass container described in Exhibit E-3 of this schedule for the packing, for sale or for sample purposes, of any commodity herein described as protective coatings, except:

(i) Those which require more than one pint of thinners (whether oil, varnish, spirit or water) per gallon to be added to the finished product, in order to make such product ready for use, and

(ii) Colors in oil and japan, and other tinting colors in paste form.

(3) No person shall use any standard glass containers with a finish larger than 38 mm. for the packing, for sale or for sample purposes, of shellacs and clear varnishes, and jobbing items (including but not limited to linseed oil, turpentine, benzine, mineral spirits, lacquer thinners, varnish and paint removers, and driers).

(c) *Exceptions.* (1) Nothing in this schedule shall prevent the use for the packaging of protective coatings of any non-standard glass containers which were completely manufactured on or before the 1st day of February, 1943, and in the hands of the user thereof on or before the 1st day of March, 1943: *Provided, however,* That, on and after April 1st, 1943, no person shall pack, for sale or for sample purposes, any product herein defined as protective coatings, except those described in paragraph (b) (2) of this order, in any glass container having a capacity of one quart or less with a finish size of more than 63 mm.

(2) Nothing in this schedule shall restrict the sale, delivery, use or manufacture of glass containers, made from a mold actually in existence on the 7th day of December, 1942, which have an

overflow capacity of between 65 and 70 fl. oz. or between 130 and 140 fl. oz.; but such molds may not be replaced except in accordance with paragraph (d) of this schedule.

(3) Lettering on standard glass containers for protective coatings shall be limited to the manufacturers' identification (which may include trademark, name, symbol), place of manufacture, date of manufacture by year, design number, and mold or cavity number.

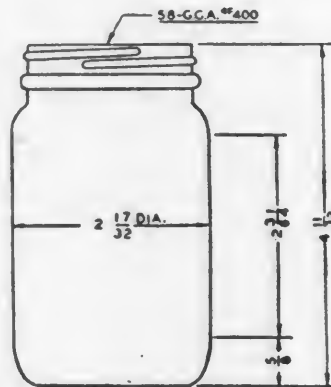
(d) *Manufacture.* On and after the 7th day of December, 1942, no molds may be manufactured for a protective coating jar or finish which does not conform to the specifications of a standard glass container for protective coatings, nor may any mold for a glass container for protective coatings be replaced—whether because of wear or for any other reason—except by a mold which conforms to the said specifications.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

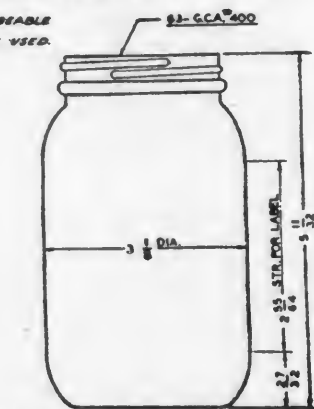
ERNEST KANZLER,  
Director General for Operations.

EXHIBIT 1 OF SCHEDULE E  
Standard Glass Container—Paint  
ANY INTERCHANGEABLE FINISH MAY BE USED.



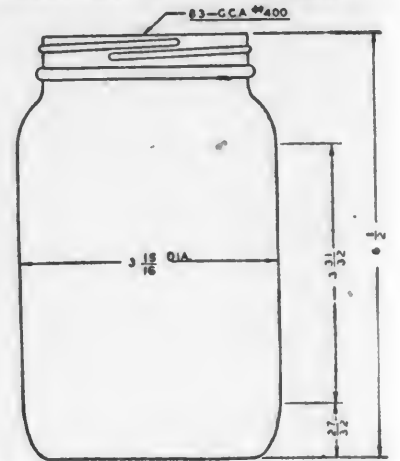
OVERFLOW CAPACITY—8 3/4 OZS.  
GLASS WEIGHT—6 OZS.

EXHIBIT 2 OF SCHEDULE E  
Standard Glass Container—Paint  
ANY INTERCHANGEABLE FINISH MAY BE USED.



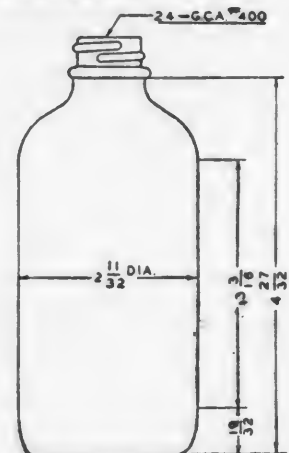
OVERFLOW CAPACITY—17 OZS.  
GLASS WEIGHT—9 1/2 OZS.

EXHIBIT 3 OF SCHEDULE E  
Standard Glass Container—Paint  
ANY INTERCHANGEABLE FINISH MAY BE USED



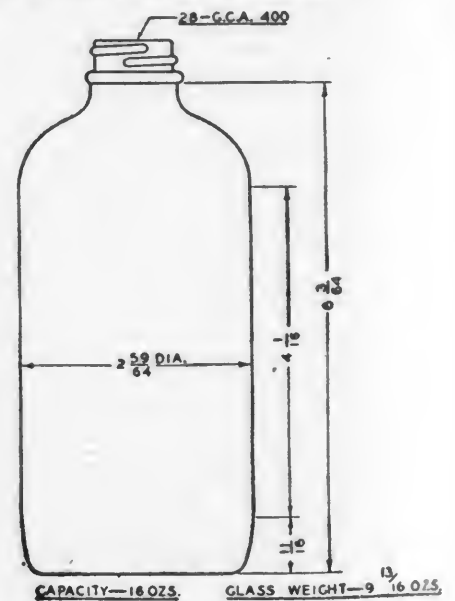
OVERFLOW CAPACITY—34 OZS. GLASS WEIGHT—14 1/2 OZS.

EXHIBIT 4 OF SCHEDULE E  
Standard Glass Container—N. M. Round  
ANY INTERCHANGEABLE FINISH MAY BE USED



CAPACITY—8 OZS. GLASS WEIGHT—5 3/4 OZS.

EXHIBIT 5 OF SCHEDULE E  
Standard Glass Container—N. M. Round  
ANY INTERCHANGEABLE FINISH MAY BE USED



CAPACITY—16 OZS. GLASS WEIGHT—9 1/2 OZS.



EXHIBIT 6 OF SCHEDULE E  
Standard Glass Container—N. M. Round

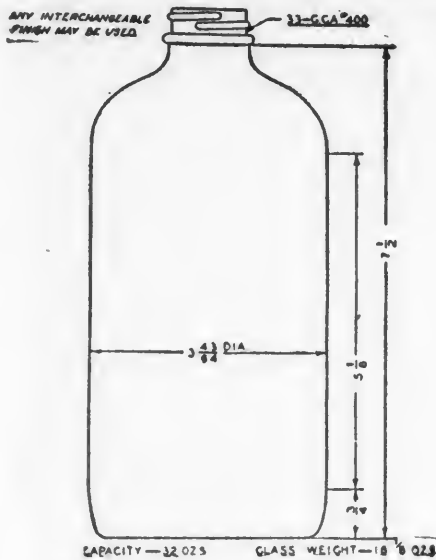
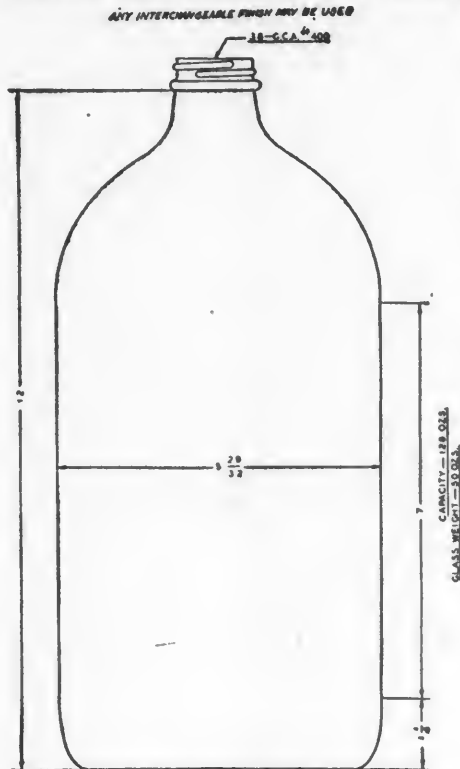
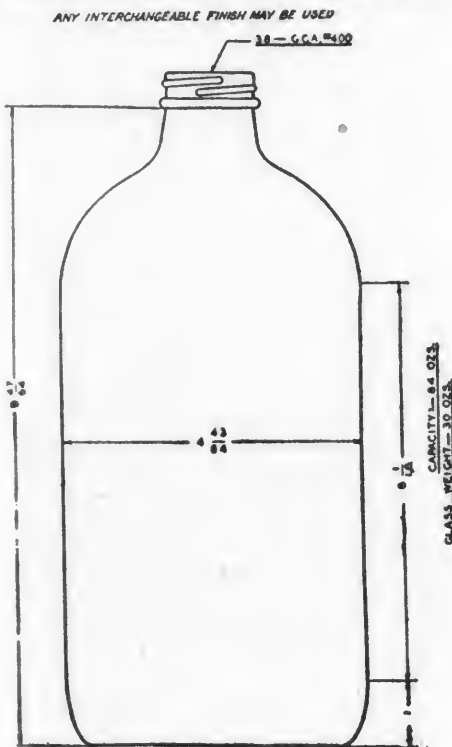


EXHIBIT 8 OF SCHEDULE E  
Standard Glass Container—N. M. Round



[F. R. Doc. 43-729; Filed, January 15, 1943; 9:21 a. m.]

EXHIBIT 7 OF SCHEDULE E  
Standard Glass Container—N. M. Round



PART 1255—INVENTORY RESTRICTION EXCEPTIONS

[General Inventory Order M-161 as Amended Jan. 15, 1943]

§ 1255.1 *General Inventory Order M-161*—(a) *Exception to general inventory restrictions.* Notwithstanding the provisions of any regulation or order heretofore issued by the Director of Priorities of the Office of Production Management or by the Director of Industry Operations or the Director General for Operations of the War Production Board, or any other regulation or order which may be issued after June 1, 1942 but which does not expressly relate to a material listed on Schedule A attached hereto, any person may make deliveries of such material, and any person may accept deliveries of such material from any other person, although the inventory

of such material in the hands of the person accepting such delivery is, or will by virtue of such acceptance become, in excess of a practicable working minimum.

(b) *Applicability of Priorities Regulation No. 1.* Except to the extent that the provisions of paragraph (a) are inconsistent therewith, all transactions involving any material listed on said Schedule A shall be subject to the provisions of Priorities Regulation No. 1 (Part 944) as amended from time to time.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,  
Director General for Operations.

SCHEDULE A

NOTE: Schedule A was amended January 15, 1943.

- Bentonite.
- Kaolin.
- Ball clay.
- Stoneware clay.
- Feldspar.
- Potter's flint.
- Domestic andalusite.
- Domestic dumortierite.
- Flint.
- Pyrophyllite.
- Soapstone.
- Ilmenite.
- Salt (sodium chloride) in bulk.
- Sodium carbonate (soda ash).
- Sodium hydroxide (caustic soda).
- Sodium sulfate (salt cake).
- Borax (hydrated and dehydrated).
- Boric acid.
- Silicate of soda.

Paper, paperboard, and paper products, including waste paper, provided that the exceptions granted by General Inventory Order M-161, while continuing with respect to waste paper until specifically withdrawn, shall expire with respect to other paper, paperboard and paper products on September 30, 1942.

[F. R. Doc. 43-726; Filed, January 15, 1943; 9:21 a. m.]

PART 3025—FLUID MILK SHIPPING CONTAINERS

[Conservation Order M-200, as Amended Jan. 15, 1943]

The fulfillment of requirements for the defense of the United States has created

a shortage in the supply of certain metals and materials used in the production of fluid milk shipping containers, for defense, for private account and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 3025.1 *Conservation Order M-200—*

(a) *Definitions.* For the purposes of this order: (1) "Person" means any individual, partnership, association, business trust, corporation, governmental corporation or agency, or any organized group of persons, whether incorporated or not.

(2) "Fluid milk shipping container" means a steel container, suitable for use in connection with the transportation in bulk of fluid milk and fluid milk products, which possesses the following characteristics:

(i) A substantially cylindrical shape.

(ii) A coating of tin or a substitute sanitary coating.

(iii) A "necked in" top so that the opening is smaller than any part of the body cylinder.

(3) "Cover" shall mean the device affixed or to be affixed on a fluid milk shipping container for the purpose of protecting and retaining the contents within the container.

(4) "Neck diameter" means the measurement of the diameter of the neck or throat of a fluid milk shipping container at any point between the base and the upper rim of such neck or throat, and, in addition, shall mean that design of opening or neck which is commonly referred to by manufacturers of fluid milk shipping containers by the dimensions stated.

(b) *Restrictions on manufacture.* On and after the 1st day of October, 1942, no person shall manufacture fluid milk shipping containers or covers except those complying with the following conditions, limitations, and specifications:

(1) *Capacity.* 4-quart, 8-quart, 10-quart, 12-quart, 20-quart, 32-quart, and 40-quart fluid milk shipping containers shall be manufactured exclusively.

(2) *20-quart fluid milk shipping containers—(i) Steel gauge.* Subject to rolling mill tolerances, 20-quart fluid milk shipping containers shall be constructed of the following maximum U. S. Standard gauge steel:

Breasts and necks, 20 gauge steel;  
Cylinders, 22 gauge steel;  
Bottoms, 18 gauge steel.

(ii) *Neck diameter.* Subject to normal operating tolerances, neck diameters are to equal  $6\frac{1}{8}$ " or 7"

(3) *32- and 40-quart fluid milk shipping containers—(i) Steel gauge.* Subject to rolling mill tolerances, 32- and 40-quart fluid milk shipping containers shall be constructed of the following maximum U. S. standard gauge steel:

Breasts and necks, 18 gauge steel;  
Cylinders, 18 gauge steel;  
Bottoms, 16 gauge steel.

(ii) *Neck diameter.* Subject to normal operating tolerances, neck diameters of 32-quart fluid milk shipping containers to equal  $6\frac{1}{8}$ " or  $7\frac{1}{4}$ ", and neck diameters of 40-quart fluid milk shipping containers to equal  $6\frac{1}{8}$ ", 7", or  $7\frac{1}{4}$ ".

(4) *Standards applying to 20-quart, 32-quart and 40-quart fluid milk shipping containers—(i) Covers.* Sunken cup type covers without umbrella—commonly known in the industry as "plug covers"—only are to be manufactured. Covers to be constructed of 20 gauge steel (U. S. standard), maximum. Both fluid milk shipping containers and covers are to be so constructed as to enable the latter to be used interchangeably on all containers with the same or similar neck diameters.

(ii) *Handles.* Stamped steel upright handles, not tubular in form or construction, only, shall be manufactured and used for 20-quart, 32-quart, and 40-quart fluid milk shipping containers.

(c) *Restrictions on use of steel.* During the period from July 1, 1942 to June 30, 1943, no person shall put into process or process, for the manufacture of fluid milk shipping containers and covers, iron and steel of a total weight greater than the following:

(1) 65 percent of the total weight of iron and steel which he processed or put into process for said purpose during the period between July 1, 1941, and June 30, 1942, plus

(2) The difference between the weight of iron and steel actually put into process or processed for the manufacture of fluid milk shipping containers and covers since July 1, 1942, and prior to January 15, 1943, and that which would have been processed or put into process if all fluid milk shipping containers and covers so manufactured had conformed to the specifications of paragraph (b) of this order except with regard to capacities.

(d) *Exceptions.* (1) The provisions of subparagraphs (2), (3) and (4) of paragraph (b) hereof shall not apply to fluid milk shipping containers of other than 20-quart, 32-quart and 40-quart capacities.

(2) Nothing in this order shall be construed to prevent any person now engaged in the manufacture of fluid milk shipping containers from using steel of a gauge heavier than that permitted by paragraph (b) of this order, or material for handles other than that permitted by paragraph (b) (4) (ii) of this order, which he had on hand or on order on or before the 1st day of October, 1942, in the manufacture of any part of a fluid milk shipping container: *Provided*, That the manufacture of said fluid milk shipping container is completed on or before the 1st day of November, 1942.

(e) *Miscellaneous provisions—(1) Applicability of priorities regulations.* This order and all transactions affected thereby are subject to all applicable provisions of the priorities regulations of the War Production Board, as amended from time to time.

(2) *Records.* All persons affected by this order shall keep and preserve for not less than two years after October 1, 1942, accurate and complete records concerning inventories, production, and sales.

(3) *Audit and inspection.* All records required to be kept by this order shall, upon request, be submitted to audit and inspection by duly authorized representatives of the War Production Board.

(4) *Violations.* Any person who willfully violates any provisions of this order, or who, in connection with this order, willfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(5) *Appeals.* Any person affected by this order who considers that compliance therewith would work an exceptional and unreasonable hardship upon him, or that compliance therewith would disrupt or impair any program of conversion from non-defense to defense work, or that compliance therewith would result in a degree of unemployment which would be unreasonably disproportionate compared with the amount of materials conserved, may apply for relief to the War Production Board by letter or other written communication, setting forth the pertinent facts and the reason or reasons why such person considers that he is entitled to relief. The Director General for Operations may thereupon take such action as he may deem appropriate.

(6) *Communications.* All reports required to be filed hereunder and all communications concerning this order shall, unless otherwise directed, be addressed to: War Production Board, Containers Division, Washington, D. C. Ref: M-200.

(P.D. Reg. 1, as amended, 6 F.R. 6680; WPB. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,

Director General for Operations.

[F. R. Doc. 43-727; Filed, January 15, 1943; 9:22 a. m.]

PART 3122—ELECTRICAL MOTORS AND GENERATORS

[General Conservation Order L-221 as Amended Jan. 15, 1943]

The fulfillment of requirements for the defense of the United States has created a shortage in the supply of certain critical materials and facilities used in the manufacture of electric motors for defense, for private account, and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 3122.1 *General Conservation Order L-221—(a) Definitions.* For the purpose of this order:

(1) "Person" means any individual, partnership, association, business trust, corporation, governmental corporation or

agency, or any organized group of persons, whether incorporated or not.

(2) "Motor" means any new rotating equipment or device used to transform electric energy into mechanical energy, and having a rating of one horsepower or more; except motors used in the operation of passenger automobiles, trucks, truck trailers, passenger carriers and off-the-highway motor vehicles, as defined in Order L-158, or in the operation of stationary automotive type engines.

(3) "Generator" means any new rotating equipment or device used to transform mechanical energy into electric energy, and having a rating of not less than 3/4 KW and not more than 6000 KW; except generators used in the operation of passenger automobiles, trucks, truck trailers, passenger carriers and off-the-highway motor vehicles, as defined in Order L-158, or in the operation of stationary automotive type engines.

(4) "Manufacture" means the fabrication or assembly of motors or generators.

(5) "Manufacturer" means any enterprise to the extent that it is engaged in the business of manufacturing motors or generators.

(6) "Dealer" means any enterprise to the extent that it acquires motors or generators for resale.

(7) "Used motor or generator" includes reconditioned and rebuilt motors or generators.

(8) "Delivery" includes delivery of a motor or generator from one affiliate to another or from one branch, division or section of a single enterprise to another branch, division or section of the same enterprise where the recipient affiliate, branch, division or section will use the motor or generator or incorporate it into other machinery.

(9) "Order" means any commitment or other arrangement for the delivery of a new motor or generator whether by purchase, lease, rental or otherwise.

(10) "Army, Navy, Maritime Commission or War Shipping Administration" does not include any privately operated plant or shipyard financed by, or controlled by any of those organizations, or operated on a cost-plus-fixed-fee basis.

(b) Restrictions on acceptance and delivery of orders. (1) On and after January 15, 1943 no manufacturer or dealer shall accept any order for any motor or generator, except where the following conditions exist; and on and after February 1, 1943 no manufacturer or dealer shall make delivery, and no person shall accept delivery from a manufacturer or dealer, of any motor or generator, unless:

(i) The purchaser shall have no idle motor or generator in his possession which is adaptable to the purpose for which the new motor or generator is sought to be purchased;

(ii) The purchaser shall have attempted to obtain, from at least three dealers, a used motor or generator for the purpose for which the new motor or generator is sought to be purchased: *Provided, however,* That the provisions of this subparagraph shall not apply to any

order for 10 or more new motors of an identical kind and rating by a purchaser who fabricates or assembles machinery or equipment into which such motors will be incorporated;

(iii) The motor or generator is not purchased for replacement of existing equipment; and

(iv) The motor or generator is required for installation within the shortest practicable time after delivery and is not for standby purposes. As applied to a person who purchases motors or generators for incorporation into other machinery manufactured by him, "installation" as used above refers only to such incorporation and not to the use of the other machinery. For the purpose of this subparagraph, a motor or generator shall be deemed installed (and not standby) equipment when it is connected to the purchaser's load and electrical system, notwithstanding that the purpose of such equipment may be emergency relief service.

(2) The provisions of paragraph (b) (1) shall not apply to (i) any order for motors or generators for the use of the Army, Navy, Maritime Commission or War Shipping Administration, or for incorporation into any machinery or equipment to be used by said agencies, or (ii) any order for special motors, by a person who fabricates or assembles machinery or equipment into which such special motors are to be incorporated: *Provided,* That, as of December 2, 1942, such special motors were required by the function and design of such machinery or equipment. As used in this subparagraph, the term "special motor" means any motor other than a general purpose, horizontal, continuous duty, open type 40° C. rise motor.

(3) On and after January 15, 1943, no manufacturer or dealer shall accept any order for any motor or generator, unless the order has a preference rating of AA-5 or higher.

(c) Restrictions on types of motors. Except as otherwise specifically provided herein or authorized by the Director General for Operations, on and after December 10, 1942 no manufacturer or dealer shall accept any order for any motor; and on and after February 1, 1943 no manufacturer or dealer shall deliver, and no person shall accept delivery from a manufacturer or dealer, of any motor; unless the motor is in compliance with the following standards and is otherwise of the simplest practicable mechanical and electrical design:

(1) Mechanical and electrical design. The following minimum standards shall be applied with respect to electrical and mechanical design:

(i) No motor shall have a temperature rise less than 40° C, for open type; 50° C, for splash-proof type; and 55° C for totally enclosed type motors: *Provided, however,* That the temperature rise of the motor may vary from the above standards to the extent that the manufacturer has heretofore provided tolerance therefrom in his design and manufacture of the same or a similar type motor rated 40° C, 50° C, or 55° C, as the case may be.

(ii) No motor shall include a special enclosure to make it other than open type; except that (a) a motor may be explosion proof type if it is to be used in a Class I hazardous location, as defined in Paragraph 5005, Article 500, Chapter 5 of the National Electrical Code approved by the American Standards Association August 7, 1940; (b) a motor may be totally enclosed if it is to be used in a Class II hazardous location, as defined in Paragraph 5006, Article 500, Chapter 5 of the above Code, or if it is to be used generally in an atmosphere which is corrosive or which contains such quantities of material particles, dust or fumes as to be destructive of an open type motor; (c) a motor may be splash-proof type in any case where the motor is to be permanently installed outdoors without other protection or where the motor will be subjected to continually falling material particles, or to drops of splashing or jet propelled liquids falling at regular intervals of not less than once a day; and that (d) the provisions of this paragraph (c) (1) (ii) shall not apply to any motor to be used on board any vessel owned or operated by the Army, Navy, Maritime Commission or War Shipping Administration: *Provided, however,* That in any case where the requirements of General Limitation Order L-147, or any action taken by the Director General for Operations thereunder shall be more restrictive than the requirements of this subparagraph, the former shall apply.

(iii) Where practicable, AC polyphase motors shall be single voltage.

(iv) All alternating current multi-speed motors shall be single-winding; except motors for use in metal cutting machines.

(v) No motor shall be of slip ring type, except for hoist, crane, conveyor, elevator, tow, or dragline duty.

(vi) No motor shall be direct current type; except (a) where only direct current is available to the user; or (b) for use on a metal cutting machine or on testing equipment; or (c) where speed matching is required.

(vii) No direct current motor shall have a lower base speed than as prescribed below:

Horsepower rating:	Minimum base speed
1 to 5 incl.....	600 r. p. m.
5.1 to 25 incl.....	450 r. p. m.
25.1 to 75 incl.....	400 r. p. m.
75.1-200.....	300 r. p. m.

(2) Horsepower loading. The following standards shall be applied in determining horsepower loads for motor ratings:

(i) Horsepower required for purposes of ascertaining load as provided herein shall be determined by test or, where test is impossible, by careful calculation or comparison with known power requirements of similar apparatus.

(ii) Where the motor rated voltage will be maintained and the ambient temperature, normally, will be below 40° C, and will only occasionally, and for short periods, equal or exceed 40° C: (a) in the case of alternating current motors rated 40° C open type, continuous duty, the horsepower rating shall be not more than 80% of the determined horsepower



load; (b) in the case of alternating current or direct current motors rated 50° C semi-enclosed, or 55° C totally enclosed, continuous duty, the horsepower rating shall be not more than 91% of the determined horsepower load; and (c) in the case of direct current motors rated 40° C open type, continuous duty, the horsepower rating shall be not more than 87% of the determined horsepower load: *Provided, however,* That in any case where the application of any of the above formulae results in a horsepower rating, which is not a standard horsepower rating, the rating may be the standard horsepower rating next above the rating resulting from the application of the formula.

*Example:* Where the horsepower required as determined in subdivision (1), is 9.3 HP, of which 80% would be 7.44, a motor not exceeding 7.5 standard HP should be delivered.

(3) *Speed.* The following minimum standards shall be applied in determining motor speed:

(i) All alternating current motors, 25 horsepower and below shall have a synchronous speed of at least 1800 R. P. M. at 60 cycles (four pole winding), and corresponding speeds at other frequencies: *Provided, however,* That in any case where the purchaser deems such speed impracticable he shall endorse on the certification required by paragraph (d) below such facts as shall demonstrate such impracticability, and if the manufacturer shall likewise certify such impracticability on the order, the provisions of this subdivision (1) shall not apply.

(ii) All other motors shall be of the highest practicable speed for the purposes for which purchased.

(d) *Certification.* (1) Each person placing an order on and after December 10, 1942 with a manufacturer or dealer for delivery of a motor or generator, and each person who receives delivery of a motor or generator from a manufacturer or dealer on and after February 1, 1943, pursuant to an order placed prior to December 10, 1942, shall certify to the manufacturer or dealer, as a condition to receiving delivery, the following (in substantially the form described below) on the purchase order or in a separate document (except that there may be omitted therefrom any portion relating to provisions of this order which are inapplicable in the particular case):

The undersigned hereby certifies that:

(A) (i) He has no idle motor (or generator) in his possession, except the following which is not adaptable to his purpose for the reasons stated below:

(ii) He has been unable to obtain a used motor (or generator) for his purpose from the following dealers (at least three):

(iii) The motor (or generator) is not for purposes of replacement of existing equipment (except as otherwise authorized by the Director General for Operations, upon appeal, when copy of authorization is to be attached):

(iv) The motor (or generator) is required for installation within \_\_\_\_\_ days after delivery and is not for standby purposes.

(B) The motor or motors described in the within (or attached) order, or orders, are in compliance with paragraph (c) (1) of General Limitation Order L-221 as follows:

(Here explain how design of motor meets requirements of each subdivision of paragraph (c) (1)).

(C) Horsepower required has been carefully determined in accordance with paragraph (c) (2) (1) and the horsepower rating of the motor or motors is in accordance with paragraph (c) (2) (ii) as follows:

(Here describe method of determining horsepower rating in accordance with said paragraph)

(D) (If the motor is AC, 25 horsepower or below, and does not have a synchronous speed of at least 1800 R.P.M. at 60 cycles (4 pole winding) and corresponding speeds at other frequencies, here provide the purchaser's certification required by paragraph (c) (3) (1)).

----- Company  
By \_\_\_\_\_  
(Authorized official)

In any case where an order relates to motors or generators of the identical kind and rating covered by a certification previously furnished to the same manufacturer or dealer, any facts included in the previous certification and which have remained unchanged may be incorporated in the certification required with respect to the current order by reference to the previous certification.

(2) Such certification shall be signed by a duly authorized and responsible official, employee, or agent of the purchaser, and shall constitute a representation to the Director General for Operations, War Production Board, as well as to the supplier, of the facts certified therein.

No person shall make delivery under this order who has reason to believe that the purchaser has furnished a false certification; and no person shall falsely furnish the certification specified above.

Any manufacturer or dealer may rely upon the facts furnished in the above mentioned certification and shall not be responsible for any action taken by him under this order in reliance upon inaccurate or untrue statements therein, unless he has reason to believe that such statements are inaccurate or untrue.

(3) Each manufacturer who manufactures a motor for delivery as part of other machinery or equipment which he also manufactures shall provide and retain in his records, with respect to each such motor, a certification similar to that provided for in subparagraph (1) and (2) above, signed by a duly authorized and responsible official or employee connected with the production of such motor; but no certification shall be required by the purchaser of the machinery which includes the motor. Such certification by the manufacturer shall constitute a representation to the Director General for Operations, War Production Board, of the facts certified therein.

(e) *Authorization of Director General for Operations.* Application for the authorization of the Director General for Operations to deviate from the standards and conditions of paragraph (c) shall be made by the purchaser or proposed purchaser of the motor (or by the manu-

facturer in any case where the motor is to be incorporated into other machinery manufactured by the same manufacturer) by letter or telegram or other communication addressed to the General Industrial Equipment Division, War Production Board, setting forth facts sufficient to enable the Director General for Operations to determine the necessity for such authorization. If granted, the authorization shall be transmitted by the purchaser to his supplier.

(f) *Exemptions.* The limitations and restrictions of paragraphs (b), (c) and (d) of this order shall not apply (1) until March 2, 1943, to any motor or generator delivered to and for the direct use of the Army, the Navy, the Maritime Commission or the War Shipping Administration; (2) to any motor or generator delivered for use in any foreign country (except Canada); (3) to any motor or generator delivered to any manufacturer or dealer for resale as a motor or generator and not as part of other machinery or equipment: *Provided, however,* That all the limitations and restrictions of this order shall apply to any resale of any such motor or generator; (4) to any motor or generator to be used above deck on any vessel or to be used in the operation of combat equipment. As used herein, "combat equipment" means any combat end product (including but not limited to, ammunition and other ordnance, tanks, warships, and aircraft) prescribed for field or combat use by the Army or Navy of the United States.

(g) *Production schedules.* (1) On and after February 1, 1943, no manufacturer shall manufacture any motor or generator unless the motor or generator is included in a production schedule approved by the Director General for Operations as provided below.

(2) On or before the 20th day of December and of each succeeding calendar month, every manufacturer shall file with the Director General for Operations a report on Form PD-738 which shall include such manufacturer's proposed production schedules of motors and generators so far as then planned, and such other information as shall be required by said Form PD-738. The production schedule for the calendar month following the date of filing shall be deemed to be approved by the Director General for Operations upon receipt of the above mentioned report by the War Production Board unless and until the Director General for Operations shall otherwise direct. Regardless of the terms of any other order or rule or regulation of the War Production Board, or of any commitment by the manufacturer or any customer, the Director General for Operations may at any time change any schedule; direct the cancellation of any order held by any manufacturer whether or not included or reflected in any schedule; prescribe any other schedule for production; allocate any order theretofore received by the manufacturer to any other manufacturer; or direct the delivery of any motor or generator, in production or completed to any person, at the established price and terms. No manufacturer shall alter any approved or prescribed production schedule unless

authorized or directed to do so by the Director General for Operations.

(h) *Miscellaneous provisions*—(1) *Records and reports*. All persons affected by this order shall keep and preserve for not less than two years accurate and complete records concerning inventories, production, and sales.

All persons affected by this order shall execute and file with the War Production Board, such reports and questionnaires as the Director General for Operations shall from time to time request.

(2) *Other limitation orders*. Nothing in this order shall be construed to permit any person to sell, deliver, or otherwise transfer, or any manufacturer to purchase, receive delivery of or otherwise acquire any raw materials, semi-processed parts, or finished products in contravention of the terms of any L or M Order, or amendments or supplements thereto or other regulations of the War Production Board effective at the date of any such sale, delivery, or other transfer. Where the limitations imposed by any other L or M Order are applicable to the subject matter of this order, the most restrictive limitation shall apply, unless otherwise specifically provided herein.

(3) *Violations*. Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(4) *Appeals*. Any appeal from the provisions of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of the appeal.

(5) *Communications*. All reports required to be filed hereunder, and all communications concerning this order, shall, unless otherwise directed, be addressed to: War Production Board, General Industrial Equipment Division, Washington, D. C. Ref.: L-221.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,

Director General for Operations.

[F. R. Doc. 43-728; Filed, January 15, 1943; 9:22 a. m.]

PART 940—RUBBER AND BALATA AND PRODUCTS AND MATERIALS OF WHICH RUBBER OR BALATA IS A COMPONENT

[Supplementary Order M-15-g]

RUBBER TIRES FOR INDUSTRIAL POWER TRUCKS

The fulfillment of the requirements for the defense of the United States has

created a shortage in the supply of rubber for defense, for private account and for export, and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 940.9 *Supplementary Order M-15-g*—(a) *Definitions*. For the purposes of this order:

(1) "Person" means any individual, partnership, association, business trust, corporation, governmental corporation or agency, or any organized group of persons, whether incorporated or not.

(2) "Rubber" means any kind of crude rubber, latex, reclaimed rubber, scrap rubber or synthetic rubber.

(3) "Rubber tire" means any solid or pneumatic tire or tire tube made in whole or in part of any kind of rubber and used or designed for use on any industrial power truck.

(4) "Industrial power truck" means any self-power-propelled industrial truck or wheel tractor designed primarily for handling material (either by carrying or towing) on floors or paved surfaces in and around industrial plants, warehouses, docks, shipyards, airports or depots. The term shall not include automotive tractors, trucks, or wheel-type industrial tractors designed for use on tax-built highways, or in such operations as construction, earth-moving, mining, logging, industrial yard work, or petroleum development.

(b) *Restrictions on delivery or acquisition*. Except as permitted by paragraph (c) hereof, no person shall sell, lease, rent, deliver or otherwise transfer, or purchase, accept or otherwise acquire, any new rubber tire used or designed for use on any industrial power truck except under a purchase order rated A-1-a or better on a Preference Rating Certificate PD-1A.

(c) *Exceptions*. The prohibitions of paragraph (b) hereof shall not apply to the sale, lease, renting, delivery or transfer or purchase, acceptance or acquisition of any new rubber tire used or designed for use on any industrial power truck:

(1) *War orders*. When such tire is purchased or acquired to fill any war order, as defined in Supplementary Order M-15-b (§ 940.3), as amended from time to time.

(2) *Original equipment*. When such tire is purchased or acquired to equip any new industrial power truck, manufactured or delivered under the provisions of Limitation Order L-112 (§ 1210.1), as amended from time to time (including any such vehicles manufactured or delivered under appeals from said Limitation Order L-112): *Provided*, That no person shall purchase, receive or otherwise acquire any new rubber tires to be used as original equipment on new industrial power trucks in quantities which will result in such person having an inventory of rubber tires held for such purpose in excess of his requirements for thirty days.

(d) *Miscellaneous provisions*—(1) *Applicability of Priorities Regulation No. 1*. This order and all transactions affected thereby are subject to all applicable provisions of the priorities regulations of

the War Production Board, as amended from time to time, except to the extent that any provision hereof may be inconsistent therewith, in which case the provisions of this order shall govern.

(2) *Reports*. All persons affected by this order shall prepare and file such reports and questionnaires as may from time to time be requested by the Director General for Operations or the Rubber Director.

(3) *Audit and inspection*. All records required to be kept by this order or by any priorities regulation of the War Production Board shall, upon request, be submitted to audit and inspection by a duly authorized representative of the War Production Board.

(4) *Violations*. Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(5) *Appeals*. Any appeal from the provision of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of appeal.

(6) *Communications*. All communications concerning this order shall, unless otherwise directed, be addressed to: War Production Board, General Industrial Equipment Division, Washington, D. C., Ref.: M-15-g.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 15th day of January 1943.

ERNEST KANZLER,

Director General for Operations.

[F. R. Doc. 43-755; Filed, January 15, 1943; 11:39 a. m.]

Chapter XI—Office of Price Administration

PART 1305—ADMINISTRATION

[Supp. Order 5, Amendment 3]

LICENSING DEALERS SELLING WASTE, SCRAP AND SALVAGE MATERIALS

A statement of the considerations involved in the issuance of this amendment has been issued simultaneously herewith and filed with the Division of the Federal Register.\*

Paragraphs (a), (b), and (c) (1) of § 1305.7 are amended to read as set forth below:

§ 1305.7 *Provisions licensing dealers selling waste, scrap and salvage materials to consumers (and in the case of*

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 3403, 6077, 9723.



iron and steel scrap to consumers or their brokers)—(a) *License required.* A license as a condition of selling is required of every dealer now or hereafter selling to a consumer (and in the case of iron and steel scrap to a consumer or his broker) any waste, scrap or salvage material for which maximum prices are established by the price schedules and price regulations specified in paragraph (b) hereof, or by any other price schedule or regulation now or hereafter issued or amended by the Office of Price Administration making applicable by reference the provisions of this order. No person whose license is suspended in proceedings under section 205 (f) (2) of the Emergency Price Control Act of 1942 shall, during the period of suspension, sell any waste, scrap or salvage materials as to which his license to sell is suspended.

(b) *License granted.* Effective May 20, 1942, every dealer now or hereafter selling to a consumer (and in the case of iron and steel scrap, to a consumer or his broker) any waste, scrap or salvage material for which maximum prices are established by Revised Price Schedules and Price Regulations Nos. 2, 3, 4, 8, 12, 20, 30, 47, 55, 70, 87, 90, 115, and 123, respectively<sup>2</sup> (as now or hereafter amended or supplemented), or by any other price schedule or regulation now or hereafter issued or amended by the Office of Price Administration making applicable by reference the provisions of this order, is by this Supplementary Order No. 5 granted a license as a condition of selling any such waste, scrap or salvage material. The provisions of this Supplementary Order No. 5 and of the price schedules and price regulations specified in this paragraph shall be deemed to be incorporated in the license hereby granted, and any violation of any provision so incorporated shall be a vio-

<sup>2</sup> Revised Price Schedule No. 2, 7 F.R. 1203, 1600, 1836, 2132, 3746, 4584, 5513, 6468, 7973, 8200, 8585, 8948, 9315.

Revised Price Schedule No. 3, 7 F.R. 1205, 1836, 2132, 3820, 5513, 8948, 10008.

Revised Price Schedule No. 4, 7 F.R. 1207, 1836, 2132, 2155, 2507, 3087, 3550, 3889, 4488, 6217, 8190, 8948, 10151.

Revised Price Schedule No. 8, 7 F.R. 1224, 1836, 2132, 2474, 2818, 3123, 3270, 3519, 4493, 5514, 8948.

Revised Price Schedule No. 12, 7 F.R. 1234, 1836, 2132, 3520, 5515, 8650, 8948, 9392.

Revised Price Schedule No. 20, 7 F.R. 1245, 1643, 1836, 2106, 2132, 2697, 2897, 3242, 3404, 3489, 5516, 6482, 6795, 8948.

Revised Price Schedule No. 30, 7 F.R. 1260, 1601, 1836, 2000, 2132, 2158, 3576, 3775, 4586, 8948.

Revised Price Schedule No. 47, 7 F.R. 1297, 1836, 2000, 2132, 2475, 3775, 7248, 8355, 8948.

Revised Price Schedule No. 55, 7 F.R. 1312, 1756, 1798, 1836, 2000, 2132, 2300, 2395, 2543, 3330, 3447, 3855, 8948, 10104, 10554, 10585.

Revised Price Schedule No. 70, 7 F.R. 1341, 1836, 2000, 2132, 2188, 2542, 3823, 5363, 5519, 5703, 8948.

Revised Price Schedule No. 87, 7 F.R. 1369, 1836, 2000, 2132, 4781, 5177, 6002, 8700, 8948.

Revised Price Schedule No. 90, 7 F.R. 1377, 1836, 2132, 3829, 8948.

Maximum Price Regulation No. 115, 7 F.R. 2949, 8948.

Maximum Price Regulation No. 123, 7 F.R. 3088, 3000, 3529, 6477, 8948, 9325, 10708.

lation of the provisions of said license. The license granted by this Supplementary Order No. 5 shall, unless suspended as provided by the Act, continue in force so long as, and to the extent that, any of the said price schedules and price regulations, or any amendment or supplement thereto, remains in force.

(c) *Registration of licensees.* (1) Every dealer hereby licensed selling any waste, scrap or salvage material for which maximum prices are established by Revised Price Schedules or Regulation Nos. 2, 3, 4, 8, 12, 20, 30, 47, 55, 70, 87, 90, 115, or 123, is required to register with the Office of Price Administration on or before June 20, 1942. Dealers becoming subject to this order after said date, by reason of commencing to sell any of said materials for the first time, or by reason of making sales of a material for which a maximum price is established by some other schedule or regulation which shall, in the future, make applicable the provisions of this order, shall register within 5 days after becoming subject hereto. Registration shall be accomplished by filing with the Office of Price Administration a registration statement on OPA Form No. S05:1 obtainable at the Washington, D. C., Office, or at any regional, state or district office of the Office of Price Administration. Every licensee owning, operating, or maintaining more than one place of business shall file a separate registration statement for each place of business. In case a new, additional or different place of business is later established or acquired by a dealer now or hereafter subject to the provisions of this Supplementary Order No. 5, such dealer shall within five days after establishing or acquiring it, file a registration statement with respect to such

new, additional or different place of business.

(g) *Effective date.* \* \* \*

(4) Amendment No. 3 (§§ 1305.7 (a), (b), and (c) (1)) to Supplementary Order No. 5 shall become effective January 20, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-669; Filed, January 14, 1943; 3:49 p. m.]

PART 1315—RUBBER AND PRODUCTS AND MATERIALS OF WHICH RUBBER IS A COMPONENT

[Ration Order 1A,<sup>1</sup> Amendment 6]

TIRES, TUBES, RECAPPING AND CAMELBACK

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

The text of § 1315.701 is amended as follows:

§ 1315.701 *Periodic inspection.* Every person controlling the use of a passenger automobile for which a current gasoline ration has been issued, shall be issued a tire inspection record (OPA Form R-534-B) and shall have the tires mounted on the automobile inspected by an inspector authorized by the Office of Price Administration, as follows:

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 9160, 9392, 9724, 10072, 10336.

Type of coupon book issued	First inspection must be made by—	Subsequent inspections
Class A.....	March 31, 1943....	Within every six months period thereafter; i. e. on or before September 30 and March 31 of each year. Inspections must be at least 90 days apart.
Class B.....	February 28, 1943....	Within every four months period thereafter; i. e. on or before June 30, October 31 and February 28 of each year. Inspections must be at least 60 days apart.
Class C or bulk coupons.	February 28, 1943....	Within every three months period thereafter; i. e. on or before May 31, August 31, November 30 and February 28 of each year. Inspections must be at least 45 days apart.

The tires, at the time of inspection, shall be mounted on the vehicle for which the tire inspection record has been issued.

The provisions of this § 1315.701 shall not apply to motorcycles, passenger automobiles operating only on special rations, passenger automobiles not registered for use on the highway, or passenger automobiles not propelled by the use of gasoline as defined in Ration Order No. 5C.

§ 1315.1199 *Effective dates of amendments.* \* \* \*

(f) Amendment No. 6 (§ 1315.701) to Ration Order No. 1A shall become effective January 14, 1943.

(Pub. Law No. 671, 76 Cong., as amended by Pub. Laws 89, 421 and 507, 77th Cong.; E.O. 9125, 7 F.R. 2719, issued

April 7, 1942, W.P.B. Dir. No. 1, 7 F.R. 562, Supp. Dir. No. 1Q, 7 F.R. 9121)

Issued this 14th day of January, 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-709; Filed, January 14, 1943; 3:50 p. m.]

PART 1364—FRESH, CURED AND CANNED MEAT AND FISH PRODUCTS

[Corr. to Amendment 1 to MPR 265<sup>1</sup>]

SALES BY CANNERS OF SALMON

The price "\$15.00" in Item 3, "Red—1 lb. flats", in the table of § 1364.562 (a) is corrected to read "\$15.50".

<sup>1</sup> 7 F.R. 9229, 10379, 11009; 8 F.R. 164.



§ 1364.561a *Effective dates of amendments.* \* \* \*

(c) Correction (§ 1364.562) (a) to Amendment 1 to Maximum Price Regulation No. 265 shall become effective January 20, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-710; Filed, January 14, 1943;  
3:50 p. m.]

PART 1394—RATIONING OF FUEL AND FUEL PRODUCTS

[Ration Order 5C, Amendment 12]

MILEAGE RATIONING: GASOLINE REGULATIONS

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

Sections 1394.7706 (f), 1394.7706 (i), 1394.7901 and 1394.7904 (a) are amended to read as follows:

*Supplemental Rations*

1394.7706 *Preferred mileage.* \* \* \*

(f) For the transportation of non-portable photographic or sound-on-film equipment, for taking pictures for use in newsreels, newspapers or magazines or for industrial or governmental use, by a person regularly engaged in such activity.

(i) By a public health nurse (but not including a private nurse) employed by or serving under the direction of a clinic or hospital, governmental agency, industrial concern, or similar organization, for rendering necessary medical, nursing or inspection calls.

*Non-Highway Rations*

§ 1394.7901 *Persons entitled to non-highway rations.* Any person who requires gasoline for a non-highway purpose may obtain a non-highway ration authorizing the acquisition of the amount of gasoline required for such purpose, except as provided in § 1394.7904. Non-highway rations shall be issued for three-month periods.

§ 1394.7904 *Issuance of non-highway rations.* (a) The Board shall determine the amount of gasoline required for the three-month period referred to in paragraph (b) of § 1394.7903, and, subject to the provisions of paragraphs (b) and (c) of this section, shall issue to the applicant one or more Class E or Class R books, or any combination of them, containing a sufficient number of coupons to enable the applicant to acquire the amount of gasoline so determined to be necessary for such period: *Provided*, That the Board may refuse to issue such ration for the operation of machinery or equipment, other than boats or airplanes, used

\*Copies may be obtained from the Office of Price Administration.

17 F.R. 9135, 9787, 10147, 10016, 10110, 10338, 10706, 10786, 10787, 11009, 11070; 8 F.R. 179, 274.

for athletic, recreational or amusement purposes within the gasoline shortage area, if in its opinion, taking into consideration the gasoline supply available, the use of gasoline for such purposes is not essential to the welfare of the area which it serves. Upon the issuance of any ration under this paragraph, the Board shall remove from the book and cancel any coupons in excess of the number allotted.

*Effective Dates*

§ 1394.8352 *Effective dates of amendments.* \* \* \*

(1) Amendment No. 12 (§§ 1394.7706 (f), 1394.7706 (i), 1394.7901 and 1394.7904 (a)) to Ration Order No. 5C shall become effective January 20, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89, 421 and 507, 77th Cong.; W.P.B. Dir. No. 1, Supp. Dir. No. 1Q, 7 F.R. 9121; E.O. 9125, 7 F.R. 2719)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-712; Filed, January 14, 1943;  
3:48 p. m.]

PART 1394—RATIONING OF FUEL AND FUEL PRODUCTS

[Ration Order 11, Amendment 27]

FUEL OIL RATIONING REGULATIONS

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

In § 1394.5352, paragraph (a) is amended by deleting the period after the phrase "Form OPA R-1103" and inserting after such phrase, the phrase "or Form OPA R-1103A. In § 1394.5503, paragraph (a) is amended, in paragraph (b) the phrase "five (5) days" is amended to read "twenty (20) days," and a new paragraph (h) is added thereto; in § 1394.5551, paragraph (a) is amended by inserting the word "date" between the words "expiration" and "of"; paragraph (b) is amended, paragraph (c) is amended by inserting the phrase "and in paragraph (d) of this section" after the phrase "§ 1394.5552", and new paragraphs (d) and (e) are added thereto; and a new paragraph (aa) is added to § 1394.5902; as set forth below:

*Expiration and Revocation of Rations*

§ 1394.5503 *Surrender of expired coupon sheets and delivery receipts* (a) Except as provided in paragraph (h) of this section, no ration may be used and no coupon sheet or delivery receipt shall be valid, after the expiration thereof, for the transfer of fuel oil to a consumer.

(h) If an application for a further ration has been made pursuant to § 1394.5551, the applicant may continue to use his current ration after the expiration date thereof and until the fur-

17 F.R. 8480, 8708, 8809, 8897, 9316, 9396, 9492, 9427, 9430, 9621, 9734, 10153, 10081, 10379, 10530, 10531, 10780, 10707, 11118, 11071; 8 F.R. 165, 237.

ther ration is issued, but in no event in excess of fifteen (15) days after such expiration date.

*Renewal of Rations and Issuance of Further Rations*

§ 1394.5551 *Renewal of rations.* \* \* \*

(b) Subject to the provisions of paragraph (d), an application for a further ration, for use upon or after expiration of the current ration, shall be made and passed upon in the same manner as an original application: *Provided*, That where such application is made prior to the expiration of a ration for purposes other than heat or hot water, or both, the further ration shall be determined for the three (3) months period beginning with the date of the application, and the coupon sheets, or other evidences, or delivery receipts, shall be validated for the period commencing upon the expiration of the current ration and expiring three (3) months from the date of the application.

(d) Application for a further ration for the operation of equipment used for domestic cooking or lighting, for use upon or after the expiration of a current ration, may be made in any of the following methods:

(1) Application may be made to the Board on Form OPA R-1103 which may be presented by the applicant in person or sent to the Board by mail. The applicant shall supply the information required by that form.

(2) Application may be made to the Board on Form OPA R-1103A. The applicant shall supply the information required by that form.

(3) If there have been no substantial changes since the date of the original application in the applicant's needs for such purpose, or in the equipment for use in which the original ration was issued, and if such original application accurately calculated the applicant's requirements for the original period, application may be made by executing a certification to the foregoing effect upon the application for the original ration.

(e) The person to whom a further ration has been issued pursuant to this section may use such ration during the period of fifteen (15) days prior to the date it becomes valid.

*Effective Date*

§ 1394.5902 *Effective date of corrections and amendments* \* \* \*

(aa) Amendment No. 27 (§§ 1394.5352, 1394.5503 and 1394.5551) to Ration Order No. 11 shall become effective on January 20, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 597; Pub. Law 421, 77th Cong.; W.P.B. Directive No. 1, 7 F.R. 562; Supp. Directive No. 1-0, 7 F.R. 8418; Executive Order 9125, 7 F.R. 2719)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-711; Filed, January 14, 1943;  
3:50 p. m.]

## PART 1394—RATIONING OF FUEL AND FUEL PRODUCTS

[Ration Order 11, Amendment 28]

## FUEL OIL RATIONING REGULATIONS

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

In § 1394.5263, paragraph (a) is amended by inserting after the phrase "coupon sheets," the parenthetical phrase "(except as provided in paragraph (d) of § 1394.5264)"; § 1394.5264 is amended by inserting after the phrase "coupon sheets," the parenthetical phrase "(except as provided in paragraph (d) of this section)", and a new paragraph (d) is added to such section; in § 1394.5266, the text of paragraph (b) is amended and a new subparagraph (3) is added thereto, paragraph (e) is amended by inserting after the phrase "Class 2 coupon sheets", the parenthetical phrase "(except as provided in paragraph (h) of this section)", in paragraph (f), the phrase "subparagraph (2)" is amended to read "subparagraphs (2) and (3)", and a new paragraph (h) is added to said section; in paragraph (e) of § 1394.5303, and in paragraph (c) of § 1394.5306, the phrase "or by a religious practitioner, other than a minister, who is duly authorized by an organized faith to render services of a religious nature to members of such faith," is inserted after the phrase "health nurse,"; and paragraph (f) of § 1394.5303 is amended; § 1394.5305 is amended by inserting after the phrase "Class 2 coupon sheets", the parenthetical phrase "(except as provided in paragraph (e) of this section)"; and a new paragraph (e) is added to such section; § 1394.5454 is amended by adding thereto a new paragraph (d); and a new paragraph (bb) is added to § 1394.5902; as set forth below:

*Heat and Hot Water Rations*

§ 1394.5264 *Same: Heat and both heat and hot water.* \* \* \*

(d) If the amount of fuel oil for which coupons are to be issued is two hundred (200) gallons or less, the Board shall issue Class 3 coupon sheets in lieu of Class 1 or Class 2 coupon sheets.

§ 1394.5266 *Same: Applications made on or after November 1, 1942—heat or both heat and hot water.* \* \* \*

(b) The Board shall issue Class 1 or Class 2 coupon sheets (except as provided in paragraph (h) of this section) containing coupons equal in gallonage value to the allowable ration (after all deductions pursuant to paragraph (a) of this section), in accordance with the following provisions:

(3) If application is made on or after the date on which coupons numbered "3" become valid, pursuant to § 1394.5201, for

\*Copies may be obtained from the Office of Price Administration.

<sup>17</sup> F.R. 8480, 8708, 8809, 8897, 9316, 9396, 9492, 9427, 9430, 9621, 9784, 10153, 10081, 10379, 10530, 10531, 10780, 10707, 11118, 11071; 8 F.R. 165, 237.

the transfer of fuel oil to a consumer, currently valid coupons equal in gallonage value to the amount of fuel oil on hand shall be removed from the coupon sheets to be issued. If the amount of fuel oil on hand exceeds the gallonage value of the currently valid coupons to be issued, there shall be removed (in addition to the currently valid coupons removed) coupons of the series next to become valid equal in gallonage value to such excess.

(h) If the amount of fuel oil for which coupons are to be issued is two hundred (200) gallons or less, the Board shall issue Class 3 coupon sheets in lieu of Class 1 or Class 2 coupon sheets.

*Auxiliary Rations*

§ 1394.5303 *Auxiliary rations for heating premises.* \* \* \*

(f) For the examination or treatment of the sick or of patients in premises (other than those specified in paragraph (c) of this section) primarily used by a duly licensed physician, surgeon, dentist, osteopath, chiropractor or religious practitioner, other than a minister, who is duly authorized by an organized faith to render services of a religious nature to members of such faith: *Provided*, That the applicant must submit with his application a certification by such physician, surgeon, dentist, osteopath, chiropractor or religious practitioner as to the temperature required for such purpose: *Provided further*, That in the case of a building other than a private dwelling, an auxiliary ration for the purposes specified in this paragraph may be obtained only for use in a space heater, unless such building is used primarily for such purpose.

§ 1394.5305 *Same: Issuance of auxiliary heat ration.* \* \* \*

(e) If the amount of fuel oil for which coupons are to be issued is two hundred (200) gallons or less, the Board shall issue Class 3 coupon sheets in lieu of Class 1 or Class 2 coupon sheets.

*General Provisions With Respect to Issuance of Rations*

§ 1394.5454 *Acknowledgments of delivery.* \* \* \*

(d) Notwithstanding any other provisions of Ration Order No. 11, coupon sheets or other evidences, or delivery receipts, may be issued by the Washington Office to the Washington headquarters of the agencies enumerated in paragraph (a) of this section, or to the law enforcement agencies of the United States, for the use of such agencies, or their officers, agents or employees, in the performance of official duties which depend upon secrecy. Application for such coupon sheets or other evidences, or delivery receipts, may be made on the official letterhead of the applicant and shall set forth the class and number of the coupon sheets, or other evidences, or delivery receipts, required and the use for which they are intended.

*Effective Date*

§ 1394.5902 *Effective dates of amendments and corrections.* \* \* \*

(bb) Amendment No. 28 (§§ 1394.5263, 1394.5264, 1394.5266, 1394.5303, 1394.5305, 1394.5306, and 1394.5454) to Ration Order No. 11, shall become effective January 20, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89, 421 and 507, 77th Cong.; W.P.B. Directive No. 1, 7 F.R. 562; Supp. Directive No. 1-0, 7 F.R. 8418; E.O. 9125, 7 F.R. 2719)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-713; Filed, January 14, 1943; 3:49 p. m.]

## PART 1410—WOOL

[MPR 163, Amendment 9]

## WOOLEN OR WORSTED CIVILIAN APPAREL FABRICS

A statement of the considerations involved in the issuance of this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

A new paragraph (h) and a new subparagraph (f) (4) of § 1410.103 are added to read as set forth below:

§ 1410.103 *Maximum prices for woolen and worsted apparel fabrics sold by jobbers.* \* \* \*

(f) *Customary discounts, trade practices and transportation costs.* \* \* \*

(4) Sales of fabrics to religious institutions and members thereof for ecclesiastical use shall be excepted from the provisions of this paragraph (f).

(h) *Sales of fabrics to religious institutions and members thereof.*—(1) *Maximum prices.* The maximum price for sales and deliveries of woolen or worsted apparel fabrics by a jobber to a religious institution or to a member of a religious institution for ecclesiastical use shall be the quotient of the sum of (i) the manufacturer's net invoice price, whether or not the jobber has taken advantage of any term discounts offered, but in no case higher than the manufacturer's maximum price determined in accordance with § 1410.102, and (ii) the freight charges actually paid for the transportation of such fabric from the manufacturer's shipping point to the jobber's place of business, divided by .80.

(2) *Invoice requirements.* On and after January 20, 1943, every person making sales of woolen or worsted apparel fabrics subject to this paragraph shall with respect to each such sale, deliver to the purchaser an invoice or similar document, setting forth, in addition to the terms thereof, a statement that the division factor used in computing the selling price was not lower than the applicable division factor provided for

<sup>17</sup> F.R. 4513, 4733, 4734, 5827, 5872, 6887, 6973, 7454, 7603, 8941, 8948; 8 F.R. 262.



under this section and showing the division factor in figures.

§ 1410.117 *Effective dates of amendments.* \* \* \*

(k) Amendment No. 9 (§§ 1410.103 (f) (4) and 1410.103 (h)) to Maximum Price Regulation No. 163 shall become effective on the 20th day of January 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-716; Filed, January 14, 1943; 3:49 p. m.]

## PART 1427—MAGNESIUM

[MPR 302]

### MAGNESIUM SCRAP AND REMELT MAGNESIUM INGOT

In the judgment of the Price Administrator it is necessary and proper to establish maximum prices for magnesium scrap and remelt magnesium ingot by specific maximum price regulation. The maximum prices established by this Maximum Price Regulation No. 302 are in line with the general level of prices established by the General Maximum Price Regulation.<sup>1</sup> So far as practicable the Administrator has advised and consulted with representative members of the industry which will be affected by this regulation.

In the judgment of the Administrator the maximum prices established by this regulation are generally fair and equitable and will effectuate the purposes of the Emergency Price Control Act of 1942, as amended.

A statement of the considerations involved in the issuance of this regulation is issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

Therefore, under the authority vested in the Administrator by the Emergency Price Control Act of 1942, as amended, and by Executive Order No. 9250,<sup>2</sup> and in accordance with Revised Procedural Regulation No. 1,<sup>3</sup> issued by the Office of Price Administration, Maximum Price Regulation No. 302 is hereby issued.

- Sec.
- 1427.1 Prohibition against dealing in magnesium scrap at prices above the maximum.
- 1427.2 Toll or conversion agreements.
- 1427.3 Prohibition against dealing in remelt magnesium ingot at prices above the maximum.
- 1427.4 Less than maximum prices.
- 1427.5 Applicability of General Maximum Price Regulation.

- Sec.
- 1427.6 Geographical applicability.
- 1427.7 Sales for export.
- 1427.8 Adjustable pricing.
- 1427.9 Evasion.
- 1427.10 Records.
- 1427.11 Reports.
- 1427.12 Enforcement.
- 1427.13 Petitions for amendment.
- 1427.14 Definitions.
- 1427.15 Effective date of Maximum Price Regulation No. 302.
- 1427.16 Appendix A: Maximum prices for magnesium scrap.
- 1427.17 Appendix B: Maximum prices for remelt magnesium ingot.

AUTHORITY: §§ 1427.1 to 1427.17, inclusive, issued under Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871.

§ 1427.1 *Prohibition against dealing in magnesium scrap at prices above the maximum.* On and after January 20, 1943, regardless of any contract, agreement or other obligation, no person shall sell or deliver magnesium scrap to a consumer, and no consumer in the course of trade or business shall buy or receive magnesium scrap, at a price higher than the maximum prices established by Appendix A (§ 1427.16); and no person shall agree, offer, solicit or attempt to do any of the foregoing: *Provided*, That contracts entered into prior to January 20, 1943, under the terms of, and at prices in conformance with, the General Maximum Price Regulation, may be carried out at contract prices until February 19, 1943.

§ 1427.2 *Toll or conversion agreements.* The maximum prices herein established shall have no application to the sale, delivery or transfer of magnesium scrap by the maker of such scrap to any person pursuant to a written agreement whereby such person agrees to smelt, remelt, fabricate or otherwise process such scrap and to return to the maker thereof processed material containing an amount of metal approximately equivalent to that contained in the scrap sold, delivered or transferred: *Provided*, That such agreement is specifically authorized by the War Production Board: *And provided further*, That the conversion or processing of magnesium scrap pursuant to such an agreement, so authorized, shall be deemed to be a service, and the price charged therefor shall not exceed the difference between the maximum price for such scrap established by this Maximum Price Regulation No. 302 and the maximum price for such processed material established by this Regulation or by any other price schedule, regulation or order issued by the Office of Price Administration.

§ 1427.3 *Prohibition against dealing in remelt magnesium ingot at prices above the maximum.* On and after January 20, 1943, regardless of any contract, agreement or other obligation, no person shall sell or deliver remelt magnesium ingot, and no person in the course of trade or business shall buy or receive remelt magnesium ingot, at a price higher than the maximum prices established by Appendix B (§ 1427.17); and no person shall agree, offer, solicit or attempt to do any of the foregoing: *Provided*, That contracts entered into prior to January 20, 1943, under the terms of,

and at prices in conformance with the General Maximum Price Regulation, may be carried out at contract prices until February 19, 1943.

§ 1427.4 *Less than maximum prices.* Lower prices than the maximum prices established by this Maximum Price Regulation No. 302 may be charged, demanded, paid or offered.

§ 1427.5 *Applicability of General Maximum Price Regulations.* The provisions of this Maximum Price Regulation No. 302 supersede the provisions of the General Maximum Price Regulation with respect to commodities, services, sales and deliveries for which maximum prices are established by this Maximum Price Regulation No. 302, or which are specifically exempt from this regulation.

§ 1427.6 *Geographical applicability.* The provisions of this Maximum Price Regulation No. 302 shall apply only to the 48 states of the United States and the District of Columbia.

§ 1427.7 *Sales for export.* The maximum price at which any person may export magnesium scrap or remelt magnesium ingot shall be determined in accordance with the provisions of the Revised Maximum Export Price Regulation,<sup>4</sup> issued by the Office of Price Administration.

§ 1427.8 *Adjustable pricing.* It is permissible under this regulation to provide in a contract that the price shall be adjustable to a price not higher than the maximum price in effect at the time of delivery.

§ 1427.9 *Evasion.* The price limitations set forth in this Maximum Price Regulation No. 302 shall not be evaded whether by direct or indirect methods, in connection with any offer, solicitation, agreement, sale, delivery, purchase or receipt of or relating to magnesium scrap or remelt magnesium ingot, alone or in conjunction with any other commodity, or by way of commission, service, transportation, or other charge, or discount, premium or other privilege, or by tying-agreement or other trade understanding, or otherwise.

§ 1427.10 *Records.* (a) On and after January 20, 1943, every person making sales to a consumer and every consumer making purchases of magnesium scrap shall keep for inspection by the Office of Price Administration, as long as the Emergency Price Control Act, as amended, remains in effect, complete and accurate records of each such sale or purchase, showing:

- (1) The date thereof;
  - (2) The name and address of the buyer or seller;
  - (3) The quantity in pounds of each kind or grade of magnesium scrap purchased or sold;
  - (4) The price paid or received;
  - (5) Delivery charges paid or received;
  - (6) The dates of settlement and method of payment; and
  - (7) Other terms of sale and shipment.
- (b) On and after January 20, 1943, every sale of remelt magnesium ingot

<sup>4</sup> 7 F.R. 5059, 7242, 8829, 9000, 10530.

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 3153, 3330, 3666, 3990, 3991, 4339, 4487, 4659, 4738, 5027, 5276, 5192, 5365, 5445, 5484, 5565, 5775, 5783, 5784, 6007, 6053, 6081, 6216, 6615, 6794, 6939, 7093, 7322, 7454, 7758, 7913, 8431, 8881, 8942, 9004, 9435, 9615, 9616, 9732, 10155, 10454.

<sup>2</sup> 7 F.R. 7871.

<sup>3</sup> 7 F.R. 8961.



shall be invoiced by the seller. The original invoice shall be delivered to the buyer and shall state:

- (1) The date of delivery;
- (2) The names and addresses of the buyer and seller;
- (3) The quantity in pounds ordered and delivered;
- (4) The certified analysis of the ingot; and
- (5) The price per pound, and the total amount payable by the buyer, showing separately the transportation costs, if such costs exceed those included in the maximum prices established in § 1427.17 and if the excess is payable by the buyer.

(c) As long as the Emergency Price Control Act of 1942, as amended, is in effect every buyer of remelt magnesium ingot shall preserve for inspection by the Office of Price Administration the original, and every seller of remelt magnesium ingot shall so preserve a copy, of each invoice required to be furnished by paragraph (b) of this section.

§ 1427.11 *Reports.* Persons affected by this Maximum Price Regulation No. 302 shall also submit such reports to the Office of Price Administration as the Administrator may from time to time require.

§ 1427.12 *Enforcement.* (a) Persons violating any provision of this Maximum Price Regulation No. 302 are subject to the criminal penalties, civil enforcement actions, license suspension proceedings and suits for treble damages provided for by the Emergency Price Control Act of 1942, as amended.

(b) Persons who have evidence of any violation of this Maximum Price Regulation No. 302 or any price schedule, regulation or order issued by the Office of Price Administration, or of any acts or practices which constitute such a violation, are urged to communicate with the nearest district, state or regional office of the Office of Price Administration or its principal office in Washington, D. C.

(c) The provisions of Supplementary Order No. 5<sup>1</sup>—Licensing, are applicable to every dealer subject to this Maximum Price Regulation No. 302 selling magnesium scrap to a consumer. "Dealer" shall have the meaning given to it by Supplementary Order No. 5.

§ 1427.13 *Petitions for amendment.* Any person seeking an amendment of any provision of this Maximum Price Regulation No. 302 may file a petition for amendment in accordance with the provisions of Revised Procedural Regulation No. 1, issued by the Office of Price Administration.

§ 1427.14 *Definitions.* (a) When used in this Maximum Price Regulation No. 302, the term:

(1) "Person" includes an individual, corporation, partnership, association, or any other organized group of persons, or legal successor or representative of any of the foregoing, and includes the United States or any agency thereof, or any other government or any of its po-

litical subdivisions, or any agency of any of the foregoing.

(2) "Magnesium scrap" includes all materials containing more than 50 percent magnesium by weight which are the waste or by-product of any kind of metal working or of any industrial use of magnesium. The term also includes articles containing more than 50 percent magnesium by weight which have been discarded from their original use because of obsolescence, failure or other reasons; it does not include articles, other than the waste or by-product materials referred to above, which are still useful in their existing state for their original purpose if such articles are bought and sold for reuse in their existing state for their original purpose.

(3) "Remelt magnesium ingot" includes all kinds and grades of ingot containing more than 50 per cent magnesium by weight, if the magnesium contained in such ingot is derived principally from magnesium scrap.

(4) "Consumer" includes any person whose business consists, in whole or in part, of smelting, refining, melting, or otherwise processing scrap into a form other than scrap or of having such scrap so processed for his account by another person under a toll or conversion agreement. Any parent or subsidiary of a consumer and any person owned, operated, affiliated with, under common control with, or otherwise controlled by, a consumer, and any person owned, operated or otherwise controlled by an officer, director, partner, or proprietor of a consumer shall also be considered to be a consumer for the purposes of this Maximum Price Regulation No. 302.

(5) "Point of shipment" means the point at which magnesium scrap is first loaded on a conveyance for transportation directly to the buyer's receiving point. This is usually the seller's plant, warehouse, or yard, but if the scrap is shipped directly to the buyer's receiving point from some point other than the seller's plant, warehouse, or yard, such other point is the point of shipment. In the case of scrap shipped by water from outside the limits of the continental United States, the point of shipment means the place within the limits of the continental United States where the material is loaded on a conveyance for transportation directly to the buyer's receiving point. If such scrap is brought into the continental United States by overland shipment from Mexico or Canada, the point of shipment means the freight station in the continental United States at or nearest the point on the boundary between the United States and Mexico or Canada, as the case may be, at which the scrap first enters the United States.

(6) "At the buyer's receiving point" means that magnesium scrap or remelt magnesium ingot has arrived at the buyer's plant, warehouse or yard and is ready for unloading.

(b) Unless the context otherwise requires, the definitions set forth in section 302 of the Emergency Price Control Act of 1942, as amended, shall apply to other terms used in this Maximum Price Regulation No. 302.

§ 1427.15 *Effective date of Maximum Price Regulation No. 302.* This Maximum Price Regulation No. 302 (§§ 1427.1 to 1427.17 inclusive) shall become effective January 20, 1943.

§ 1427.16 *Appendix A: Maximum prices for magnesium scrap—(a) Transportation charges.* The maximum prices established for magnesium scrap in this § 1427.16 are f. o. b. point of shipment. Actual costs of transportation from the point of shipment to the buyer's receiving point, and also the cost of returning steel drums or other containers to the seller, may be charged to, and paid by, the buyer.

(b) *Schedule of maximum prices.*

Grade of magnesium scrap	Maximum price (cents per pound of magnesium or magnesium alloy content)	
	In lots of less than 1,500 pounds	In lots of 1,500 pounds or more
(1) Segregated plant scrap:		
Pure solids.....	Exempt	Exempt
All other solids.....	Exempt	Exempt
Borings & turnings.....	8	9
(2) Mixed or contaminated plant scrap:		
Grade 1:		
Solids.....	11	12
Borings & turnings.....	7	8
Grade 2:		
Solids.....	9	10
Borings & turnings.....	5	6
(3) Obsolete scrap:		
Uncontaminated.....	11	12
Contaminated.....	9	10

NOTE 1. (a) "Plant scrap" means scrap which is generated in the course of fabrication or manufacture and includes new material or parts rejected or discarded because defective, damaged in processing, or otherwise unfit for use.

(b) The terms "solids" and "solid plant scrap" mean plant scrap generated by shearing, clipping, cutting, blanking, or other similar process, also defective or rejected castings and forgings, and gates, sprues, risers and similar foundry scrap.

(c) Magnesium scrap shall not be deemed to be segregated, whether in the form of solids or in the form of borings, turnings or other machinings, unless it consists of one alloy only and is so identified, handled and kept free from contamination as to conform to chemical specifications issued by the American Society for Testing Materials for the type of material from which it is generated (such as ASTM Designation B-80-41T, Sand Castings): *Provided*, That the alloys designated 4 and 17 may be combined.

(d) "Pure" solids shall contain 99.8% or more magnesium by weight.

NOTE 2. (a) All plant scrap other than segregated plant scrap shall be deemed to be "mixed or contaminated" plant scrap.

(b) Mixed or contaminated plant scrap, Grade 1, shall consist of scrap which conforms to the specifications set forth in § 1427.17 (c), Note 2, for Class B ingot.

(c) Mixed or contaminated plant scrap, Grade 2, shall consist of scrap which conforms to the specifications set forth in § 1427.17 (c), Note 3, for Class C ingot.

(d) Mixed or contaminated plant scrap not conforming to the specifications of either Grade 1 or Grade 2 shall be bought and sold for not more than a price, below the maximum prices herein established for Grade 2, fairly reflecting the relative value of such scrap.

<sup>1</sup> 7 F.R. 3403, 6077, 9723.

NOTE 3. (a) "Obsolete" scrap includes all scrap other than plant scrap.

(b) Obsolete scrap shall be deemed to be uncontaminated only if it is free from all metals, other than magnesium, which are not ingredients of an alloy containing more than 50% magnesium by weight. If obsolete scrap is contaminated the maximum prices herein established may be paid only on the basis of the actual weight of magnesium or magnesium alloy contained, and not for any metal not an ingredient of such an alloy.

NOTE 4. If borings and turnings contain oil, moisture, cutting compounds, or other forms of contamination, maximum prices may be paid only on the basis of the actual weight of magnesium or magnesium alloy contained; in addition, if such scrap contains more than 10% oil, by weight, the maximum price per pound of magnesium or magnesium alloy contained shall be reduced 1 cent per pound for each of the respective grades of scrap.

NOTE 5. The classification of magnesium scrap according to the grades set forth herein shall be determined by analysis. In all cases the analysis made by the buyer shall be controlling except that, at the election of the parties, the controlling analysis may be made by a third person acting as referee. The compensation of such a referee may be paid in whole or in part by the buyer: *Provided*, That no part of such compensation shall be directly or indirectly paid to or received by the seller.

NOTE 6. In determining whether the maximum prices set forth in Column I or those in Column II are applicable, the weight of any steel drums or other containers shall be deducted and the weight of the remaining material, at the buyer's receiving point, shall be used in all cases.

NOTE 7. The maximum prices herein established shall not be increased by any commission or other service charge, nor shall any premium for special preparation be charged, demanded, paid or offered.

NOTE 8. Neither this Maximum Price Regulation No. 302 nor the General Maximum Price Regulation shall apply to sales or deliveries of magnesium residues such as drosses, sludge, sawings, grindings, sweepings and filings.

§ 1427.17 Appendix B: Maximum prices for remelt magnesium ingot—(a) Delivery charges. The maximum prices for remelt magnesium ingot established in this § 1427.17 include transportation costs to any destination within the continental United States, not exceeding the lowest carload rate of rail freight, but in no event to exceed 75 cents per hundred-weight. Actual transportation costs in excess of those so included may be charged to, and paid by, the buyer.

(b) Quantity differentials. The maximum prices established herein for remelt magnesium ingot are applicable if such ingot is sold or delivered in quantities of 20,000 pounds or more. The following premiums may be charged, in addition to the maximum prices set forth below, for the quantities specified:

Quantity:	Premium (cents per pound)
10,000 to 20,000 pounds.....	¼
1,000 to 10,000 pounds.....	½
Less than 1,000 pounds.....	1

In determining whether the quantity differentials herein provided are applicable, the quantity sold or the quantity delivered to one buyer at one time, whichever is larger, shall be used in all cases, and regardless of the fact that such sale

or shipment may be composed of different classes of ingot: *Provided*, That if the quantity sold exceeds the amount which the buyer is authorized by the War Production Board to receive in any allocation period, the amount which the buyer is so authorized to receive may be used instead of the quantity sold.

(c) Schedule of maximum prices.

	Maximum price (cents per pound)
Class A.....	21½
Class B.....	18½
Class C.....	16

NOTE 1. Class A ingot shall conform to one of the following specifications:

Alloy	Al %	Mn % (min.)	Zn %	Si % (max.)	Cu % (max.)	Ni % (max.)	Fe % (max.)	Other impurities % (max.)	Magnesium %
No. 2.....	9.4 to 10.6	0.13		0.2	0.04	0.02		0.3	Remainder.
No. 3.....	11.5 to 12.5	0.13		0.2	0.04	0.02		0.3	Remainder.
No. 4.....	5.5 to 6.5	0.18	2.7 to 3.3	0.2	0.04	0.02		0.3	Remainder.
No. 4X.....	5.5 to 6.5	0.18	2.7 to 3.3	0.2	0.04	0.003	0.003	0.3	Remainder.
No. 11.....		1.30		0.1	0.04	0.02		0.2	Remainder.
No. 12.....	9.4 to 10.6	0.13		1.0	0.04	0.02		0.3	Remainder.
No. 13.....	8.5 to 9.5	0.15	0.5 to 0.9	0.2	0.04	0.02		0.3	Remainder.
No. 13X.....	8.5 to 9.5	0.15	0.5 to 0.9	0.2	0.04	0.003	0.003	0.3	Remainder.
No. 14.....	9.4 to 10.6	0.13	0.7 to 1.3	0.2	0.04	0.02		0.3	Remainder.
No. 17.....	8.5 to 9.5	0.13	1.7 to 2.3	0.2	0.04	0.02		0.3	Remainder.
No. 17X.....	8.5 to 9.5	0.13	1.7 to 2.3	0.2	0.04	0.003	0.003	0.3	Remainder.
Nos. 4 & 17 combined.	5.5 to 9.5	0.13	1.7 to 3.3	0.2	0.04	0.02		0.3	Remainder.

NOTE 2. Class B ingot shall conform to the following specifications:

Aluminum.....	12% maximum.
Zinc.....	4% maximum.
Copper.....	0.20% maximum.
Nickel.....	0.02% maximum.
Silicon.....	0.30% maximum.
Manganese.....	No limits.
Other metals.....	0.60% maximum, but no single element in excess of 0.20%.
Magnesium.....	Remainder.

NOTE 3. Class C ingot shall conform to the following specifications:

Aluminum.....	20% maximum.
Zinc.....	4% maximum.
Nickel.....	0.10% maximum.
Manganese.....	No limits.
Other metals (including copper and silicon).....	3% maximum, but no single element in excess of 2%.
Magnesium.....	Remainder.

NOTE 4. The seller of remelt magnesium ingot shall furnish to the buyer a certified analysis of the ingot sold.

NOTE 5. Remelt magnesium ingot not conforming to the specifications of Class A, Class B, or Class C shall be bought and sold for not more than a price, below the maximum price herein established for Class C ingot, fairly reflecting the relative value of such ingot.

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-715; Filed, January 14, 1943; 3:48 p. m.]

PART 1499—COMMODITIES AND SERVICES

[Rev. Supp. Reg. 12<sup>1</sup> to GMPR,<sup>2</sup> Amendment 1]

SALES OR DELIVERIES OF IMPORTED COMMODITIES

A statement of the considerations involved in the issuance of this amendment is issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

Section 1499.1402 (a) (2) and § 1499.1404 are amended and § 1499.1410 is added, all to read as set forth below:

§ 1499.1402 \* \* \*

(a) \* \* \*

(2) If the importer did not deliver or offer for delivery the same commodity during March 1942, the higher price charged by him shall be subject to revision or adjustment by the Price Administrator if, in the opinion of the Price Administrator, such price exceeds the maximum price that he could have charged for the same or similar imported commodity under section 2 of the General Maximum Price Regulation by more than a fair allowance for any increase in the total landed costs of the commodity sold or delivered over the total landed costs of the same or similar imported commodity, upon which his maximum price under section 2 of the General Maximum Price Regulation was established. If the importer did not have a maximum price in March 1942 for the same or similar imported commodity under section 2 of the General Maximum Price Regulation, the price charged by him shall be subject to revision by the Price Administrator, if in the opinion of the Price Administrator, such price exceeds the total landed costs by more than a fair amount.

§ 1499.1404 Exceptions. (a) This regulation and the General Maximum Price Regulation shall not apply to:

(1) Purchases of commodities to be imported by a person who deals directly with a foreign seller outside the continental United States or his selling agent wherever located.

(2) Sales or deliveries of any imported commodity in its imported state, or after being subjected to a process which does not result in the production of a new and different article having a distinctive

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 10532.

<sup>2</sup> 7 F.R. 3153, 3330, 3666, 3990, 3991, 4239, 4287, 4659, 4738, 5027, 5192, 5276, 5365, 5445, 5484, 5565, 5775, 5783, 5784, 6007, 6058, 6081, 6216, 6615, 6794, 6939, 7093, 7322, 7454, 7758, 7913, 8431, 8881, 8942, 9004, 9435, 9615, 9616, 9732, 10155, 10454.



name, character or use, to the United States or any agency thereof, or to the government of any country whose defense the President deems vital to the defense of the United States under the terms of the Act of March 11, 1941, entitled "An Act to promote the defense of the United States" or any agency of such government, or sales or deliveries to any person who will use such commodity to fulfill a contract with the United States or any agency thereof, or with any such other government or any agency thereof, or to fulfill a subcontract under any such contract: *Provided, however*, That this exception shall not apply to the following commodities:

- (i) Fish and seafood: canned, salted, pickled, smoked, or frozen.
- (ii) Other foodstuffs processed after importation.
- (iii) Silver bullion.
- (iv) Crude rubber, balata, and guayule.

(3) Sales or deliveries of any commodities excepted from the General Maximum Price Regulation.

(b) The provisions of § 1499.1402 of this regulation shall not apply to:

(1) Lumber and wood shingles produced in and imported from Canada or Mexico.

(2) Unmanufactured asbestos, asbestos crudes, fibers, stucco, and sand and refuse containing not more than 15 per centum of foreign matter.

§ 1499.1410 *Effective dates of amendments.* (a) Amendment No. 1 (§§ 1499.1402 (a) (2), 1499.1404, 1499.1410) shall become effective January 20, 1943.

(Pub. Laws 421 and 729, 77th Cong., E.O. 9250, 7 F.R. 7871)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-717; Filed, January 14, 1943; 3:50 p. m.]

**PART 1499—COMMODITIES AND SERVICES**  
[Order 166 Under § 1499.18 (b) of GMPR]

NO-WORRY CHEMICAL COMPANY, INC.

Order No. 166 under § 1499.18 (b) of the General Maximum Price Regulation—GF3-1524.

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered*:

§ 1499.1067 *Adjustment of maximum price for sales of No-Worry, a washing and cleaning fluid manufactured by No-Worry Chemical Company, Inc., of Newark, New Jersey.* (a) The maximum price for the sale of No-Worry, a washing and cleaning fluid principally composed of sodium hypochlorite, manufactured by No-Worry Chemical Company, Inc., of Newark, New Jersey, shall be as follows:

On sales to jobbers, \$.70 per case of 12 quart bottles.

On sales to retailers, \$.80 per case of 12 quart bottles.

(b) The maximum prices on sales by jobbers and retailers of No-Worry, a washing and cleaning fluid manufactured by No-Worry Chemical Company, Inc., of Newark, New Jersey, shall be as follows:

On sales by jobbers, the jobber's present maximum price increased by \$.15 per case. On sales by retailers, the retailer's present maximum price increased by .01 per quart bottle.

(c) All discounts, allowances and trade practices in effect with respect to the sales of such No-Worry, a washing and cleaning fluid, by No-Worry Chemical Company, Inc., of Newark, New Jersey, and by jobbers and retailers of such commodity, in effect during March 1942 shall remain in effect under this Order No. 166.

(d) At the time of the first delivery of No-Worry washing and cleaning fluid by No Worry Chemical Company, Inc., at a price determined under this Order No. 166, such company shall furnish each purchaser a copy of the following notice:

The Office of Price Administration has permitted us, by Order No. 165 under § 1499.18 (b) of the General Maximum Price Regulation, to raise our maximum price of No-Worry, a washing and cleaning fluid, from \$.55 to \$.70 per case on sales to jobbers and from \$.65 to \$.80 per case on sales to retailers. This Order also adjusts the maximum prices on sales by jobbers and retailers by the addition of \$.15 per case to the jobber's previous maximum price and by the addition of \$.01 per bottle to the retailer's previous maximum price.

(e) All prayers of the applicant not granted herein are denied.

(f) This Order No. 166 may be revoked or amended by the Office of Price Administration at any time.

(g) This Order No. 166 (§ 1499.1067) is hereby incorporated as a section under Supplementary Regulation No. 14 which contains modifications of maximum prices established by § 1499.2.

(h) This Order No. 166 (§ 1499.1067) shall become effective January 14, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 14th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-714; Filed, January 14, 1943; 3:48 p. m.]

**PART 1351—FOOD AND FOOD PRODUCTS**  
[Correction to MPR 296<sup>1</sup>]

FLOUR FROM WHEAT, SEMOLINA, AND FARINA  
SOLD BY MILLERS AND BLENDEES

The figures \$6.26 and \$6.34 in paragraph (I) (b) of § 1351.1666, Appendix A, are hereby corrected to \$6.16 and \$6.30 respectively. A new § 1351.1665a is added as set forth below:

§ 1351.1665a *Effective dates of corrections and amendments.* (a) This correction (§ 1351.1666 (b)) to Maximum Price Regulation No. 296 shall become effective January 21, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-737; Filed, January 15, 1943; 10:29 a. m.]

**PART 1355—LEAD**  
[RPS 69,<sup>2</sup> Amendment 3]

PRIMARY LEAD

A statement of the considerations involved in the issuance of this amendment has been issued simultaneously herewith, and has been filed with the Division of the Federal Register.\*

Section 1355.9 is amended to read as follows:

§ 1355.9 *Appendix A: Maximum prices for primary lead*—(a) *Sold or shipped, delivered, or carried away in carload lots.*

Grade or type	Maximum price per pound (delivered buyer's rail receiving point)		
	St. Louis	New York	Other points
<i>Pigs</i>			
Common lead.....	6.35¢	6.50¢	Base price.
Corroding lead.....	6.45¢	6.60¢	Base price plus .10¢.
Chemical lead.....	6.45¢	6.60¢	Base price plus .10¢.
Copperized lead made from:			
Common lead.....	6.40¢	6.55¢	Base price plus .05¢.
Corroding lead.....	6.50¢	6.65¢	Base price plus .15¢.
<i>Ingots, linked ingots, or billets</i>			
Common lead.....	6.60¢	6.75¢	Base price plus .25¢.
Corroding lead.....	6.70¢	6.85¢	Base price plus .35¢.
Chemical lead.....	6.70¢	6.85¢	Base price plus .35¢.
Copperized lead made from:			
Common lead.....	6.65¢	6.80¢	Base price plus .30¢.
Corroding lead.....	6.75¢	6.90¢	Base price plus .40¢.

Primary lead in shapes other than those provided for above may be sold at customary differentials above the maximum prices established for primary lead in pigs. Prices at which such sales take place shall be submitted with a complete description of the shape involved and a detailed description of the cost factors justifying the higher price to

the Office of Price Administration. If the Price Administrator disapproves the price submitted, the selling price shall be revised downward to the maximum

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 8 F.R. 158.

<sup>2</sup> 7 F.R. 1339, 2132, 2278, 2997, 8948.



price which the Price Administrator may approve for that shape and any payment made in excess of the price so approved shall be refunded to the buyer. Thirty days after such price is submitted, in the absence of a notification to the contrary from the Office of Price Administration, the price shall stand approved and shall be the maximum price applicable to sales of primary lead in that particular shape.

Contracts entered into prior to January 20, 1943, for primary lead in ingots, linked ingots, or other special shapes under the terms of and at prices in conformance with Revised Price Schedule No. 69, may be carried out at contract prices until February 19, 1943.

When used in paragraph (a) of this section, in reference to carload lots, the term "base price" means the price quoted in paragraph (c) of this section at the point of delivery. If the point of delivery is not listed, the price listed for the nearest point in distance to the point of delivery shall prevail.

The above grades of primary lead are to be determined in accordance with the specifications of the American Society for Testing Materials. Primary lead which fails to meet such standards should be sold at normal differentials below the established maximum prices.

The minimum quantity making up a carload lot for the purposes of Revised Price Schedule No. 69 shall be the minimum weight, as set forth in the tariffs of railroad carriers, upon which the lowest railroad carload rate from the point of shipment to the point of destination is based: *Provided, however,* That where a smaller quantity is shipped which would move at any railroad carload rate rather than at a railroad less-than-carload rate between such points, because a lower transportation charge is produced thereby, such smaller quantity shall be considered a carload lot. The seller may, upon shipping such smaller quantity, add to the carload lot prices applicable an amount per pound not to exceed the difference between (1) the rail transportation charge, on a per pound basis, actually paid for the quantity shipped and (2) the lowest railroad carload rate, on a per pound basis, applicable to a shipment from such point of shipment to such point of destination. Any such amount added as a transportation charge must be shown in all records or reports required to be kept or submitted in accordance with any provision of this schedule or any amendment thereto, and in all price quotations, bills, and invoices.

Whenever primary lead of two or more grades or forms is sold, shipped, delivered or transferred to the same purchaser, consignee, or transferee in carload lots, the carload lot maximum price shall apply to each grade or form although the amount of any such grade or form so sold, shipped, delivered or transferred may not alone constitute a carload lot.

(b) *Sold and shipped, delivered, or carried away in less than carload lots.* The term "carload maximum price" referred to in subparagraphs (1) and (2)

below means the maximum price as determined in paragraph (a) of this section, except that for the purposes of subparagraphs (1) and (2) below the maximum price shall be determined at the point of shipment instead of at the point of delivery. In this determination, the term "base price" means the price quoted in paragraph (c) of this section at the point of shipment. If the point of shipment is not listed, the price listed for the nearest point in distance to the point of shipment shall prevail.

(1) *Sales of primary lead by the producer of the lead sold.*

For sale in lots of:	Maximum price, per pound (f. o. b. point of shipment)
20,000 lb. and less than a carload.	Carload maximum price plus .15¢
10,000 lb. and less than 20,000 lb.	Carload maximum price plus .25¢
2,000 lb. and less than 10,000 lb.	Carload maximum price plus .40¢
Less than 2,000 lb.	Carload maximum price plus .50¢

(2) *Sales by all other persons except plumbing supply houses.*

For sale in lots of:	Maximum price, per pound (f. o. b. point of shipment)
20,000 lb. and less than a carload.	Carload maximum price plus .65¢
10,000 lb. and less than 20,000 lb.	Carload maximum price plus .75¢
2,000 lb. and less than 10,000 lb.	Carload maximum price plus 1.00¢
Less than 2,000 lb.	Carload maximum price plus 1.50¢

(3) *Sales by plumbing supply houses.* No plumbing supply house shall sell, offer to sell, deliver, or transfer primary lead at higher prices than those resulting from applying to the cost of the material the same percentage mark-up obtained by such supply house on a sale on October 1, 1941, or on the last day previous thereto on which a sale took place of a similar quantity of the same grade of lead.

Any plumbing supply house first selling, offering for sale, delivering, or transferring primary lead after October 1, 1941, shall have his mark-up on such primary lead approved by the Office of Price Administration. Pending such approval by the Price Administrator, any plumbing supply house may sell and deliver or offer to sell and deliver, and any person, in the course of trade or business, may buy, offer to buy, or receive primary lead from a plumbing supply house at the cost of material plus the mark-up submitted for approval. If, however, the Price Administrator disapproves the mark-up submitted, the selling price shall be revised downward to the maximum price calculated by adding to the cost of material the mark-up which the Price Administrator may approve, and any payment made in excess of that price shall be refunded to the buyer. Thirty days after such mark-up is submitted, in the absence of a notification to the contrary from the Office of Price Administration, the mark-up submitted shall stand approved and shall be the maximum mark-up applicable.

(4) *Terms of sale.* The maximum prices set forth above are f. o. b. point of shipment. Primary lead in less than

carload lots may, however, be sold, offered for sale, delivered, or transferred at a price delivered buyer's receiving point. In such cases, whenever the total delivered price exceeds the maximum f. o. b. point of shipment price fixed by Revised Price Schedule No. 69, in all price quotations (i) the transportation charge must be shown as a separate item and (ii) the price f. o. b. point of shipment, obtained by subtracting the transportation charge from the total delivered price, must not exceed the maximum f. o. b. point of shipment price set forth in Revised Price Schedule No. 69.

Whenever delivery is made in the seller's conveyance, the transportation charge shall not exceed the charge which would be applicable on an identical shipment from the same point of shipment to the same receiving point at the lowest available commercial transportation rate. In such cases the transportation charge must be shown as a separate item in all price quotations.

When used in Revised Price Schedule No. 69, the term "point of shipment" means the point from which the seller ships to the buyer. This is usually the seller's plant, warehouse, or yard, but, where the material is shipped directly to the buyer from some point other than the seller's plant, warehouse, or yard, such other point is the point of shipment.

(c) *Table of base prices.*

Basing point	Price per lb. in cents
Alabama:	
Birmingham.....	6.55
Fairfield.....	6.55
California:	
Los Angeles.....	6.50
Melrose.....	6.50
Oakland.....	6.50
San Francisco.....	6.50
Colorado:	
Denver.....	6.50
Connecticut:	
Bridgeport.....	6.55
New Haven.....	6.55
New London.....	6.55
Torrington.....	6.55
Waterbury.....	6.55
Waterville.....	6.55
Florida:	
Jacksonville.....	6.95
Pensacola.....	6.75
Tampa.....	7.10
Georgia:	
Atlanta.....	6.55
Macon.....	6.55
Idaho:	
Silver King.....	6.50
Illinois:	
Aurora.....	6.40
Chicago.....	6.40
Cicero.....	6.40
Dixon.....	6.40
East Alton.....	6.35
Evanston.....	6.40
Granite City.....	6.35
Greenville.....	6.40
Greenwood Blvd.....	6.40
Joliet.....	6.40
Kensington.....	6.40
Pecria.....	6.40
Waukegan.....	6.40
W. Pullman.....	6.40
Indiana:	
Charlestown.....	6.50
Gary.....	6.40
Grasselli.....	6.40
Hammond.....	6.40
Indianapolis.....	6.50
Kokomo.....	6.50
Marion.....	6.50

Basing point—Continued	Price per lb. in cents
Indiana—Continued.	
Muncie.....	6.50
Whiting.....	6.40
Iowa:	
Davenport.....	6.35
Keokuk.....	6.35
Kansas:	
Topeka.....	6.35
Kentucky:	
Louisville.....	6.50
Louisiana:	
Baton Rouge.....	6.50
New Orleans.....	6.50
Maryland:	
Baltimore.....	6.50
Massachusetts:	
Boston.....	6.55
Cambridge.....	6.55
Springfield.....	6.55
Worcester.....	6.55
Michigan:	
Detroit.....	6.50
Port Huron.....	6.50
River Rouge.....	6.50
Minnesota:	
Duluth.....	6.40
Minneapolis.....	6.40
St. Paul.....	6.40
Mississippi:	
Hattiesburg.....	6.50
Missouri:	
Joplin.....	6.40
Kansas City.....	6.35
Neosho.....	6.40
St. Louis.....	6.35
Montana:	
Anaconda.....	6.50
Black Eagle.....	6.50
Nebraska:	
Omaha.....	6.35
New Hampshire:	
Portsmouth.....	6.55
New Jersey:	
Bayonne.....	6.50
Bloomfield.....	6.50
Carney's Point.....	6.50
Dundee.....	6.50
Elizabeth.....	6.50
Grasselli.....	6.50
Irvington.....	6.50
Jersey City.....	6.50
Kearny.....	6.50
Newark.....	6.50
New Brunswick.....	6.50
Passaic.....	6.50
Paterson.....	6.50
Perth Amboy.....	6.50
Phillipsburg.....	6.50
Roebbling.....	6.50
Trenton.....	6.50
New York:	
Albany.....	6.50
Brooklyn.....	6.50
Buffalo.....	6.50
Glendale, L. I.....	6.50
Glens Falls.....	6.55
Green Island.....	6.50
Hastings.....	6.50
Long Island City.....	6.50
Maspeh, L. I.....	6.50
New York.....	6.50
Niagara Falls.....	6.50
Richfield Springs.....	6.50
Rochester.....	6.50
Rome.....	6.50
Schenectady.....	6.50
Syracuse.....	6.50
West Albany.....	6.50
Yonkers.....	6.50
North Carolina:	
Charlotte.....	6.80
Durham.....	6.80
Jacksonville.....	6.85
Raleigh.....	6.80
Winston-Salem.....	6.50
North Dakota:	
Fargo.....	6.50

Basing point—Continued	Price per lb. in cents
Ohio:	
Akron.....	6.50
Canton.....	6.50
Cincinnati.....	6.50
Cleveland.....	6.50
Delta.....	6.50
E. Liverpool.....	6.50
Lorain.....	6.50
Martins Ferry.....	6.50
Niles.....	6.50
Portsmouth.....	6.50
Reading.....	6.50
Oklahoma:	
Oklahoma City.....	6.50
Pennsylvania:	
Allentown.....	6.50
Ambridge.....	6.50
Crescentville.....	6.50
Donora.....	6.50
E. Pittsburgh.....	6.50
Erie.....	6.50
Fort Washington.....	6.50
Monessen.....	6.50
New Brighton.....	6.50
New Castle.....	6.50
Philadelphia.....	6.50
Pittsburgh.....	6.50
Rankin.....	6.50
Reading.....	6.50
Scranton.....	6.50
Wilkes-Barre.....	6.50
Rhode Island:	
Bristol.....	6.55
Pawtucket.....	6.55
Phillipsdale.....	6.55
Providence.....	6.55
South Carolina:	
Charleston.....	6.80
Spartanburg.....	6.75
Tennessee:	
Lenoir City.....	6.70
Memphis.....	6.50
Texas:	
Dallas.....	6.50
El Paso.....	6.50
Houston.....	6.50
San Antonio.....	6.50
Virginia:	
Norfolk.....	6.50
Richmond.....	6.50
Washington:	
Seattle.....	6.50
West Virginia:	
Charleston.....	6.50
Weirton.....	6.50
Wheeling.....	6.50
Wisconsin:	
Burlington.....	6.40
Kenosha.....	6.40
Milwaukee.....	6.40
New Glarus.....	6.40
New London.....	6.40

§ 1355.8a *Effective dates of amendments.* \* \* \*

(c) Amendment No. 3 (§ 1355.9) to Revised Price Schedule No. 69 shall become effective January 20, 1943, for the District of Columbia and the forty-eight states of the United States, and shall become effective January 30, 1943, for the territories and possessions of the United States.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-738; Filed, January 15, 1943;  
10:32 a. m.]

## PART 1355—LEAD

[MPR 70]

## LEAD SCRAP MATERIALS; SECONDARY LEAD; BATTERY LEAD SCRAP; AND PRIMARY AND SECONDARY ANTIMONIAL LEAD

The title and preamble are amended, and the sections of Revised Price Schedule No. 70 are renumbered and amended to read as set forth herein.

In the judgment of the Price Administrator, it is necessary and proper to revise Revised Price Schedule No. 70. The Price Administrator has given due consideration to the prices of lead scrap materials, secondary lead, battery lead scrap, and primary and secondary antimonial lead prevailing between October 1 and October 15, 1941, and has made adjustments for such relevant factors as he has determined and deemed to be of general applicability. So far as practicable, the Price Administrator has advised and consulted with representative members of the industry which will be affected by this regulation.

The maximum prices established by this regulation are, in the judgment of the Price Administrator, generally fair and equitable, and will effectuate the purposes of the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250. A statement of the considerations involved in the issuance of this regulation has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

Therefore, under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, and in accordance with Revised Procedural Regulation No. 1,<sup>1</sup> issued by the Office of Price Administration, Maximum Price Regulation No. 70 is hereby issued.

Sec.

1355.51	Maximum prices for lead scrap materials other than battery lead scrap.
1355.52	Maximum prices for secondary lead.
1355.53	Maximum prices for battery lead plates purchased and sold by brokers.
1355.54	Maximum prices for battery lead scrap purchased by smelters or battery manufacturers.
1355.55	Maximum prices for primary and secondary antimonial lead.
1355.56	Less than maximum prices.
1355.57	Evasion.
1355.58	Records and reports.
1355.59	Enforcement.
1355.60	Petitions for amendment.
1355.61	Definitions.
1355.62	Export sales.
1355.63	Effective date of Maximum Price Regulation No. 70.
1355.64	Appendix A: Maximum prices for lead scrap materials, other than battery lead scrap.
1355.65	Appendix B: Maximum prices for secondary lead.

\*Copies may be obtained from the Office of Price Administration.  
<sup>1</sup> 7 F.R. 8961.

- Sec.  
 1355.66 Appendix C: Maximum prices for battery lead plates purchased and sold by brokers.  
 1355.67 Appendix D: Maximum prices for battery lead scrap purchased by smelters or battery manufacturers.  
 1355.68 Appendix E: Maximum prices for primary and secondary antimonial lead.  
 1355.69 Appendix F: List of base prices.  
 1355.70 Appendix G: Terms of sale.

AUTHORITY: §§ 1355.51 to 1355.70 inclusive, issued pursuant to Public Laws 421 and 729, 77th Cong., E.O. 9250, 7 F.R. 7871.

§ 1355.51 *Maximum prices for lead scrap materials other than battery lead scrap.* On and after January 20, 1943, regardless of the terms of any contract of sale or purchase, or other commitment, no person shall sell, offer to sell, deliver or transfer lead scrap materials to a consumer, and no consumer in the course of trade or business shall buy, offer to buy, or accept delivery of lead scrap materials at prices higher than the maximum prices set forth in Appendix A hereof, incorporated herein as § 1355.64.

§ 1355.52 *Maximum prices for secondary lead.* On and after January 20, 1943, regardless of the terms of any contract of sale or purchase, or other commitment, no person shall sell, offer to sell, deliver or transfer secondary lead, and no person in the course of trade or business shall buy, offer to buy, or accept delivery of secondary lead at prices higher than the maximum prices set forth in Appendix B hereof, incorporated herein as § 1355.65. *Provided,* That contracts entered into prior to January 20, 1943, for secondary lead in ingots, linked ingots, or other special shapes under the terms of, and at prices in conformance with Revised Price Schedule No. 70, may be carried out at contract prices until February 19, 1943.

§ 1355.53 *Maximum prices for battery lead plates purchased and sold by brokers.* On and after January 20, 1943, regardless of the terms of any contract of sale or purchase, or other commitment, in the execution of a brokerage sale (a) no broker shall sell, offer to sell, deliver or transfer battery lead plates, and no broker shall buy, offer to buy, or accept delivery of battery lead plates, and (b) no person shall sell, offer to sell, deliver or transfer battery lead plates to a broker, and no person in the course of trade or business shall buy, offer to buy, or accept delivery of battery lead plates from a broker at prices higher than the maximum prices set forth in Appendix C hereof, incorporated herein as § 1355.66.

§ 1355.54 *Maximum prices for battery lead scrap purchased by smelters or battery manufacturers.* On and after January 20, 1943, regardless of the terms of any contract of sale or purchase, or other commitment, (a) no smelter or battery manufacturer shall buy, offer to buy, or accept delivery of battery lead scrap, and (b) no person shall sell, offer to sell, deliver or transfer battery lead scrap to such smelter or battery manufacturer at

prices higher than the maximum prices set forth in Appendix D hereof, incorporated herein as § 1355.67.

§ 1355.55 *Maximum prices for primary and secondary antimonial lead.* On and after January 20, 1943, regardless of the terms of any contract of sale or purchase, or other commitment, no person shall sell, offer to sell, deliver or transfer antimonial lead, and no person in the course of trade or business shall buy, offer to buy or accept delivery of antimonial lead at prices higher than the maximum prices set forth in Appendix E hereof, incorporated herein as § 1355.68. *Provided,* That contracts entered into prior to January 20, 1943, for primary or secondary antimonial lead in ingots, billets or other special shapes under the terms of and at prices in conformance with Revised Price Schedule No. 70, may be carried out at contract prices until February 19, 1943.

§ 1355.56 *Less than maximum prices.* Lower prices than those set forth in Appendices A, B, C, D, E, and F may be charged, demanded, paid, or offered.

§ 1355.57 *Evasion.* (a) The price limitations set forth in Maximum Price Regulation No. 70 shall not be evaded whether by direct or indirect methods in connection with a purchase, sale, delivery, or transfer of lead scrap materials, secondary lead, battery lead scrap, or antimonial lead, alone or in conjunction with any other material, or by way of any commission, except as provided in § 1355.66 hereof, or by way of any service, transportation, or other charge, or discount, premium, or other privilege, or by tying-agreement or other trade understanding, or otherwise.

(b) Any purchase, sale, delivery or transfer of secondary lead or antimonial lead in quantities less than requested by the buyer in order to enable the seller to obtain a higher less-than-carload-lot differential shall be considered to be an evasion of Maximum Price Regulation No. 70, provided that the buyer is willing to accept delivery thereof in a single shipment.

(c) Any agreement or transaction in connection with which a smelter processes lead scrap materials or battery lead scrap for any person on toll shall be considered to be an evasion of Maximum Price Regulation No. 70, unless such agreement or transaction has first been approved in writing by the Office of Price Administration.

§ 1355.58 *Records and reports.* (a) Every smelter and battery manufacturer completing a brokerage sale as defined in § 1355.61 of Maximum Price Regulation No. 70 shall submit to the Office of Price Administration not later than the 30th day after the completion of delivery, a complete and accurate record of such brokerage sale showing:

- (1) The date of the contract,
- (2) The names and addresses of the contracting parties.
- (3) The quantity contracted for and the quantity delivered,
- (4) The dates of the first and last deliveries thereunder, and

(5) The amount of commission paid or due to be paid to the broker.

(b) Every person making a sale to a consumer; and every consumer making a purchase of lead scrap materials or battery lead scrap after January 19, 1943, shall keep for inspection by the Office of Price Administration, for so long as the Emergency Price Control Act of 1942, as amended, remains in effect, complete and accurate records of each such purchase or sale, showing: The date thereof; the name and address of the buyer or the seller; the price paid or received, f. o. b. point of shipment; freight paid or charged, separately reported; and the quantity of each kind or grade of material purchased or sold.

(c) Every person making a sale or purchase of secondary lead or antimonial lead after January 19, 1943, shall keep for inspection by the Office of Administration, for so long as the Emergency Price Control Act of 1942, as amended, remains in effect, complete and accurate records of each such purchase or sale, showing: The date thereof; the name and address of the buyer or the seller; the price paid or received, f. o. b. point of shipment; freight paid or charged, separately reported; and the quantity of each kind or grade of material purchased or sold.

(d) In addition to fulfilling the other requirements of Maximum Price Regulation No. 70, every smelter or battery manufacturer making purchases of battery lead plates after January 19, 1943, shall keep for inspection by the Office of Price Administration, for so long as the Emergency Price Control Act of 1942, as amended, remains in effect, complete and accurate records showing the quantity received and the results of the assay, where required, made in accordance with the requirements of Maximum Price Regulation No. 70.

(e) All records of the purchase, sale, or transfer after January 19, 1943, of lead scrap material, secondary lead, battery lead scrap, or antimonial lead shall be kept in the terms in which they are respectively classified in Maximum Price Regulation No. 70, in addition to such other classifications as may be employed by the maker or keeper of said records.

(f) Every person subject to this Maximum Price Regulation No. 70 shall submit such other reports and keep such other records as the Office of Price Administration may, from time to time, require, either in addition to, or in substitution for, records and reports herein required.

§ 1355.59 *Enforcement.* (a) Persons violating any provision of this Maximum Price Regulation No. 70 are subject to criminal penalties, civil enforcement actions, license suspension proceedings, and suits for treble damages provided for in the Emergency Price Control Act of 1942, as amended.

(b) Persons who have evidence of any violation of this Maximum Price Regulation No. 70 or any price schedule, regulation, or order issued by the Office of Price Administration, or of any acts or practices which constitute such a violation, are urged to communicate with the



nearest District, State or Regional Office of the Office of Price Administration, or its principal Office in Washington, D. C.

(c) The provisions of Supplementary Order No. 5<sup>2</sup>—Licensing, are applicable to every dealer subject to this Maximum Price Regulation No. 70, selling, offering to sell, delivering, or transferring lead scrap materials and battery lead scrap, to a consumer.

§ 1355.60 *Petitions for amendment.* Any person seeking an amendment of any provision of this Maximum Price Regulation No. 70, may file a petition for amendment in accordance with the provisions of Revised Procedural Regulation No. 1, issued by the Office of Price Administration.

§ 1355.61 *Definitions.* (a) When used in Maximum Price Regulation No. 70, the term:

(1) "Antimonial lead" includes both primary and secondary antimonial lead, and means any lead-antimony alloy containing not less than 98% antimony and lead combined, not less than .25% antimony, and not more than .50% tin;

(2) "Assay" means an assay made according to the requirements set forth in § 1355.67, Appendix D, of Maximum Price Regulation No. 70;

(3) "Battery lead plates" means scrap battery lead plates either with or without lugs, liners, separators, and/or battery mud;

(4) "Battery lead scrap" means the kinds, types, and grades of battery lead scrap set forth in Appendices C and D (§§ 1355.66 and 1355.67) of Maximum Price Regulation No. 70.

(5) "Broker" means any person who (1) contracts to supply a smelter or battery manufacturer with not less than 300 tons net shipping weight of battery lead plates to be delivered within a period of 30 days, and (2) routes all shipments under such contract from a point of shipment other than his plant, warehouse, or yard, directly to the smelter or battery manufacturer;

(6) "Brokerage sale" means a firm contract in which a broker agrees (1) to supply a smelter or battery manufacturer with not less than 300 tons net shipping weight of battery lead plates to be delivered within a 30 day period, and (2) routes all shipments under such contract from a point of shipment other than his plant, warehouse, or yard, directly to the smelter or battery manufacturer;

(7) "Carload lot" means the minimum quantity required to obtain railroad carload lot rates from the point of shipment to the point of destination;

(8) "Consumer" means any person who processes any lead scrap materials otherwise than by sorting, cleaning, baling, compressing or reducing in size by any means;

(9) "Dealer" means an individual, corporation, partnership, association, or any other organized group of persons, or the legal successor or representative of any of the foregoing, whose business includes the acquisition of any material for the purpose of sale as waste, scrap or salvage materials;

<sup>2</sup> 7 F.R. 3403, 6077, 9123.

(10) "Hard lead scrap" means any scrap containing not less than 98% lead and antimony combined, and not less than .25% antimony;

(11) "Lead scrap materials" means the kinds, types, and grades of lead scrap materials set forth in § 1355.64, Appendix A, of Maximum Price Regulation No. 70;

(12) "Net shipping weight" means the gross weight of battery lead plates at the time of shipment, minus the weight of containers, if any.

(13) "On toll" means an arrangement whereby a servicing charge is paid a smelter for processing or treating the material;

(14) "Person" includes an individual, corporation, partnership, association, or any other organized group of persons, or legal successor or representative of any of the foregoing, and includes the United States or any agency thereof, or any other government or any of its political subdivisions or any agency of the foregoing;

(15) "Point of shipment" means the point at which any commodity covered by Maximum Price Regulation No. 70 is loaded on a conveyance for transportation directly to the buyer's point;

(16) "Producer" means any person who makes pigs, ingots, linked ingots, or billets of lead or antimonial lead;

(17) "Secondary lead" means lead more than 50 percent of the lead content of which is obtained from scrap material;

(18) "Single shipment" means all deliveries made to a buyer by any one seller

within a period of two consecutive days, excluding Sundays and legal holidays;

(19) "Smelter" means any person who melts or smelts lead scrap materials including, but not limited to, battery lead plates.

(b) Unless the context otherwise requires, the definitions set forth in section 302 of the Emergency Price Control Act of 1942 as amended, shall apply to other terms used herein.

§ 1355.62 *Export sales.* The maximum prices at which a person may export any commodity covered by this Maximum Price Regulation No. 70 shall be determined in accordance with the provisions of the Revised Maximum Export Price Regulation<sup>3</sup> issued by the Office of Price Administration.

§ 1355.63 *Effective date of Maximum Price Regulation No. 70.* This regulation (§§ 1355.51 to 1355.70, inclusive) shall become effective January 20, 1943 for the District of Columbia and the forty-eight states of the United States, and shall become effective January 30, 1943 for the territories and possessions of the United States.

§ 1355.64 *Appendix A: Maximum prices for lead scrap materials, other than battery lead scrap.* "Base price" means the price listed in § 1355.69, Appendix F hereof, at the point of shipment. If the point of shipment is not listed therein, the price listed for the nearest point in distance to the point of shipment shall prevail.

Grade or type of lead scrap material:	Maximum price per pound (f. o. b. point of shipment)
Soft lead scrap.....	Base price less .55¢
Hard lead scrap.....	Base price less .55¢
Battery lugs.....	Base price less .65¢
Lead content of lead-covered copper cable.....	Base price less .65¢
Cable lead scrap.....	Base price less .55¢

The maximum prices established herein are the maximum prices to be paid for the lead scrap materials enumerated above after any free iron, rubber and other foreign materials are removed.

The maximum price of the copper contained in lead-covered copper cable shall be determined in accordance with Revised Price Schedule No. 20,<sup>4</sup> as amended—Copper scrap and copper alloy scrap.

§ 1355.65 *Appendix B: Maximum prices for secondary lead.* "Base price" means the price listed in § 1355.69, Appendix F hereof, at the point of shipment. If the point of shipment is not listed therein, the price listed for the nearest point in distance to the point of shipment shall prevail.

(a) Sold and shipped, delivered, or carried away in carload lots.

Grade or type:	Maximum price, per pound (f. o. b. point of shipment)
Low-grade secondary pig lead (containing less than 99.73% lead).....	Base price less .15¢
Low-grade secondary lead ingots, linked ingots, and billets (containing less than 99.73% lead).....	Base price plus .10¢
High-grade secondary pig lead (containing not less than 99.73% lead).....	Base price
High-grade secondary lead ingots, linked ingots, and billets (containing not less than 99.73% lead).....	Base price plus .25¢

Secondary lead in shapes other than those provided for above may be sold at

<sup>4</sup> 7 F.R. 5059, 7242, 8829, 9000, 10530.  
<sup>5</sup> 7 F.R. 4213, 5218, 713, 815, 905, 1131, 1245, 1643, 1836, 2106, 2132, 2897, 3242, 3404, 3403, 3489, 3516, 6482, 6895, 8948; 8 F.R. 120.

customary differentials above the maximum prices established for secondary lead in pigs. Prices at which such sales take place shall be submitted with a complete description of the shape involved and a detailed description of the

cost factors justifying the higher price to the Office of Price Administration. If the Price Administrator disapproves the price submitted, the selling price shall be revised downward to the maximum price which the Price Administrator may approve for that shape and any payment made in excess of the price so approved shall be refunded to the buyer. Thirty days after such price is submit-

ted, in the absence of a notification to the contrary from the Office of Price Administration, the price shall stand approved and shall be the maximum price applicable to sales of secondary lead in that particular shape.

(b) *Sold and shipped, delivered, or carried away in less than carload lots—*

(1) *Sales of secondary lead by the producer of the lead sold.*

For sales of secondary lead in lots of:	<i>Maximum price per pound (f. o. b. point of shipment)</i>
20,000 lbs. and less than a carload.....	Carload price as determined in Paragraph (a) of this section plus .15¢
10,000 lbs. and less than 20,000 lbs.....	Carload price as determined in Paragraph (a) of this section plus .25¢
2,000 lbs. and less than 10,000 lbs.....	Carload price as determined in Paragraph (a) of this section plus .40¢
Less than 2,000 pounds.....	Carload price as determined in Paragraph (a) of this section plus .50¢

(2) *Sales by all other persons except plumbing supply houses.*

For sales of secondary lead in lots of:	<i>Maximum price per pound (f. o. b. point of shipment)</i>
20,000 lbs. and less than a carload.....	Carload price as determined in Paragraph (a) of this section plus .65¢
10,000 lbs. and less than 20,000 lbs.....	Carload price as determined in Paragraph (a) of this section plus .75¢
2,000 lbs. and less than 10,000 lbs.....	Carload price as determined in Paragraph (a) of this section plus 1.00¢
Less than 2,000 pounds.....	Carload price as determined in Paragraph (a) of this section plus 1.50¢

(3) *Sales by plumbing supply houses.* No plumbing supply house shall sell, offer to sell, deliver, or transfer secondary lead at higher prices than those resulting from applying to the cost of the material the same percentage mark-up obtained by such supply house on a sale on October 1, 1941, or on the last day previous thereto on which a sale took place of a similar quantity of the same grade of lead.

Any plumbing supply house first selling, offering for sale, delivering, or transferring secondary lead after October 1, 1941, shall have his mark-up on such secondary lead approved by the Office of Price Administration. Pending such approval by the Price Administrator, any plumbing supply house may sell and deliver or offer to sell and deliver, and any person, in the course of trade or business, may buy, offer to buy, or receive secondary lead from a plumbing supply house at the cost of material plus the mark-up submitted for approval. If however, the Price Administrator disapproves the mark-up submitted, the selling price shall be revised downward to the maximum price calculated by adding to the cost of material the mark-up which the Price Administrator may approve, and any payment made in excess of that price shall be refunded to the buyer. Thirty days after such mark-up is submitted, in the absence of a notification to the contrary from the Office of Price Administration, the mark-up submitted shall stand approved and shall be the maximum mark-up applicable.

§ 1355.66 *Appendix C: Maximum prices for battery lead plates purchased and sold by brokers—(a) Maximum prices for brokerage sales—(1) Single shipments of 8,000 pounds or more, net shipping weight (gross weight at the time*

*of shipment, minus the weight of containers, if any.)* The maximum price per pound, f. o. b. point of shipment, shall be determined for each such shipment according to the following formula:

$$\begin{array}{l} 6.65¢ \\ \text{multiplied by} \end{array}$$

the percentage of lead and antimony in the plates as determined by the purchaser thereof by a sample assay upon receipt of the shipment at his plant

$$\begin{array}{l} \text{less} \\ 1.10¢ \end{array}$$

*Provided,* That the seller may charge and the buyer may pay for the copper content of terminals of submarine batteries in addition to the maximum price established by this section, the maximum price provided by Revised Price Schedule No. 20, as amended—Copper scrap and copper alloy scrap—for such copper scrap.

(2) *Single shipments of less than 8,000 pounds, net shipping weight.* For single shipments of less than 8,000 pounds, net shipping weight, not less than \$3.00 shall be subtracted from the maximum price for the entire shipment as determined in accordance with subparagraph (a) (1) of this section.

(3) *Alternate method of determining the maximum price for single shipments of less than 8,000 pounds, net shipping weight.* For single shipments of less than 8,000 pounds, net shipping weight, the maximum price may be determined without recourse to the formula stated in subparagraph (a) (2) of this section. In that case the maximum price shall be \$3.50 per cwt., f. o. b. point of shipment.

(4) *Weight of shipment for the purpose of maximum price determination.* The weight of the battery lead plates at the time the assay sample is taken shall

be used to determine the maximum price where an assay is required by this section.

(b) *Commission on brokerage sales.* Any person who (1) contracts to supply a smelter or battery manufacturer with not less than 300 tons, net shipping weight, of battery lead plates to be delivered within a 30 day period, and (2) routes all shipments under such contract from a point of shipment other than his plant, warehouse, or yard, directly to the purchaser, may receive from the purchaser, upon completion of such contract, a brokerage commission not exceeding \$1.00 a ton of the weight of battery lead plates received under such contract provided all of the following requirements are fulfilled:

(1) Complete delivery is made within a period of 30 days;

(2) The commission is shown as a separate charge on all records;

(3) The broker does not divide the commission with any other person;

(4) The contract is fully performed before the commission, or any portion thereof, is received by the broker; and

(5) Complete and accurate records of each such sale are submitted to the Office of Price Administration as required by § 1355.58 of Maximum Price Regulation No. 70.

§ 1355.67 *Appendix D. Maximum prices for battery lead scrap purchased by smelters or battery manufacturers—*

(a) *Battery lead plates—(1) Single shipments of 8,000 pounds or more, net shipping weight (gross weight at the time of shipment, minus the weight of containers, if any).* The maximum price per pound, f. o. b. point of shipment, shall be determined for each such shipment according to the following formula:

$$\begin{array}{l} 6.65¢ \\ \text{multiplied by} \end{array}$$

the percentage of lead and antimony in the plates as determined by the purchaser thereof by a sample assay upon receipt of the shipment at his plant

$$\begin{array}{l} \text{less} \\ 1.10¢ \end{array}$$

*Provided,* That the seller may charge and the buyer may pay for the copper content of terminals of submarine batteries in addition to the maximum price established by this section, the maximum price provided by Revised Price Schedule No. 20, as amended—Copper scrap and copper alloy scrap—for such copper scrap.

(2) *Single shipments of less than 8,000 pounds, net shipping weight.* For single shipments of less than 8,000 pounds, net shipping weight, not less than \$3.00 shall be subtracted from the maximum price for the entire shipment as determined in accordance with paragraph (a) (1) of this section.

(3) *Alternate method of determining the maximum price for single shipments of less than 8,000 pounds, net shipping weight.* For single shipments of less than 8,000 pounds, net shipping weight, the maximum price may be determined without recourse to the formula stated in paragraph (a) (2) of this section. In that case the maximum price shall be \$3.50 per cwt., f. o. b. point of shipment.

(4) *Weight of shipment for the purpose of maximum price determination.* The weight of the battery lead plates at the time the assay sample is taken shall be used to determine the maximum price where an assay is required by this section.

(b) *Used storage batteries (in boxes) drained of liquid.* The maximum price per cwt., f. o. b. point of shipment, shall be \$2.39.

Used storage batteries (in boxes) may be shipped to a smelter or battery manufacturer in an undrained condition, but the weight and price thereof shall be determined after the boxes are drained.

The maximum prices for used storage batteries (in boxes) set forth herein do not apply to rebuilders of used storage batteries.

(c) *Sample assay.* The assay of battery lead plates required to be made pursuant to Maximum Price Regulation No. 70 shall satisfy the following requirements:

(1) A chemical assay shall be made of the metal and dross derived from the sample.

(2) The sample shall be selected from the shipment in a manner consistent with the past practice of the trade and shall be of a size not smaller than is consistent with such past practice.

(3) The assay in every other respect shall be performed in a manner consistent with the purpose of determining accurately the lead and antimony content of the shipment of battery lead plates.

§ 1355.68 *Appendix E: Maximum prices for primary and secondary antimonial lead.* When used in Maximum Price Regulation No. 70, the term "base price" means the price quoted in § 1355.69, Appendix F hereof, at the point of shipment. If the point of shipment is not listed therein, the price listed for the nearest point in distance to the point of shipment shall prevail.

(a) *Sold and shipped, delivered, or carried away in carload lots.* The maximum price per pound, f. o. b. point of shipment, for any grade or type of antimonial lead sold in pigs shall be 15½¢ a pound for the antimony content plus the base price of lead for the remainder.

(b) *Sold and shipped, delivered, or carried away in less than carload lots.*

For sales of antimonial lead in lots of:	Maximum price, per pound (f. o. b. point of shipment)
20,000 lbs. and less than a carload.....	Carload price as determined in paragraph (a) of this section plus .15¢
10,000 lbs. and less than 20,000 lbs.....	Carload price as determined in paragraph (a) of this section plus .25¢
2,000 lbs. and less than 10,000 lbs.....	Carload price as determined in paragraph (a) of this section plus .40¢
Less than 2,000 lbs.....	Carload price as determined in paragraph (a) of this section plus .50¢

(c) *Differentials for sales in special shapes.* For sales of antimonial lead in ingots, linked ingots, or billets, there may be added to the maximum prices set forth above a differential of .25¢ a pound.

Antimonial lead in shapes other than those provided for above may be sold at customary differentials above the maximum prices established for antimonial lead in pigs. Prices at which such sales take place shall be submitted with a complete description of the shape involved and a detailed description of the cost factors justifying the higher price to the Office of Price Administration. If the Price Administrator disapproves the price submitted, the selling price shall be revised downward to the maximum price which the Price Administrator may approve for that shape and any payment made in excess of the price so approved shall be refunded to the buyer. Thirty days after such price is submitted, in the absence of a notification to the contrary from the Office of Price Administration, the price shall stand approved and shall be the maximum price applicable to sales of antimonial lead in that particular shape.

§ 1355.69 *Appendix F: List of base prices.*

Basing point	Price per lb. in cents
Alabama:	
Birmingham.....	6.55
Fairfield.....	6.55
California:	
Los Angeles.....	6.50
Melrose.....	6.50
Oakland.....	6.50
San Francisco.....	6.50
Colorado:	
Denver.....	6.50
Connecticut:	
Bridgeport.....	6.55
New Haven.....	6.55
New London.....	6.55
Torrington.....	6.55
Waterbury.....	6.55
Waterville.....	6.55
Georgia:	
Atlanta.....	6.55
Idaho:	
Silver King.....	6.50
Illinois:	
Aurora.....	6.40
Chicago.....	6.40
Cicero.....	6.40
Dixon.....	6.40
E. Alton.....	6.35
Evanston.....	6.40
Granite City.....	6.35
Greenville.....	6.40
Greenwood Blvd.....	6.40
Joliet.....	6.40
Kensington.....	6.40
Peoria.....	6.40

Basing point—Continued	Price per lb. in cents
Illinois—Continued	
Waukegan.....	6.40
West Pullman.....	6.40
Indiana:	
Charlestown.....	6.50
Gary.....	6.40
Grasselli.....	6.40
Hammond.....	6.40
Indianapolis.....	6.50
Kokomo.....	6.50
Marion.....	6.50
Muncie.....	6.50
Whiting.....	6.40
Iowa:	
Keokuk.....	6.35
Kansas:	
Topeka.....	6.35
Kentucky:	
Louisville.....	6.50
Louisiana:	
Baton Rouge.....	6.50
New Orleans.....	6.50
Maryland:	
Baltimore.....	6.50
Massachusetts:	
Boston.....	6.55
Cambridge.....	6.55
Springfield.....	6.55
Worcester.....	6.55
Michigan:	
Detroit.....	6.50
Port Huron.....	6.50
River Rouge.....	6.50
Minnesota:	
Duluth.....	6.40
Minneapolis.....	6.40
St. Paul.....	6.40
Missouri:	
Joplin.....	6.40
Kansas City.....	6.35
Neosho.....	6.40
St. Louis.....	6.35
Montana:	
Anaconda.....	6.50
Black Eagle.....	6.50
Nebraska:	
Omaha.....	6.35
New Hampshire:	
Portsmouth.....	6.55
New Jersey:	
Bayonne.....	6.50
Bloomfield.....	6.50
Carney's Point.....	6.50
Dundee.....	6.50
Elizabeth.....	6.50
Grasselli.....	6.50
Irvington.....	6.50
Jersey City.....	6.50
Kearny.....	6.50
Newark.....	6.50
New Brunswick.....	6.50
Passaic.....	6.50
Paterson.....	6.50
Perth Amboy.....	6.50
Phillipsburg.....	6.50
Roebling.....	6.50
Trenton.....	6.50
New York:	
Albany.....	6.50
Brooklyn.....	6.50
Buffalo.....	6.50
Glendale, L. I.....	6.50
Green Island.....	6.50
Hastings.....	6.50
Long Island City.....	6.50
Maspeth, L. I.....	6.50
New York.....	6.50
Niagara Falls.....	6.50
Richfield Springs.....	6.50
Rochester.....	6.50
Rome.....	6.50
Schenectady.....	6.50
Syracuse.....	6.50
West Albany.....	6.50
Yonkers.....	6.50



Basing point—Continued	Price per lb. in cents
North Carolina:	
Winston-Salem.....	6.50
North Dakota:	
Fargo.....	6.50
Ohio:	
Akron.....	6.50
Canton.....	6.50
Cincinnati.....	6.50
Cleveland.....	6.50
Delta.....	6.50
E. Liverpool.....	6.50
Lorain.....	6.50
Martins Ferry.....	6.50
Niles.....	6.50
Portsmouth.....	6.50
Reading.....	6.50
Oklahoma:	
Oklahoma City.....	6.50
Pennsylvania:	
Allentown.....	6.50
Ambridge.....	6.50
Crescentville.....	6.50
Donora.....	6.50
E. Pittsburgh.....	6.50
Erie.....	6.50
Fort Washington.....	6.50
Monessen.....	6.50
New Castle.....	6.50
New Brighton.....	6.50
Philadelphia.....	6.50
Pittsburgh.....	6.50
Rankin.....	6.50
Reading.....	6.50
Scranton.....	6.50
Wilkes-Barre.....	6.50
Rhode Island:	
Bristol.....	6.55
Pawtucket.....	6.55
Phillipsdale.....	6.55
Providence.....	6.55
Tennessee:	
Memphis.....	6.50
Texas:	
Dallas.....	6.50
El Paso.....	6.50
Houston.....	6.50
San Antonio.....	6.50
Virginia:	
Norfolk.....	6.50
Richmond.....	6.50
Washington:	
Seattle.....	6.50
West Virginia:	
Charleston.....	6.50
Weirton.....	6.50
Wheeling.....	6.50
Wisconsin:	
Burlington.....	6.40
Kenosha.....	6.40
Milwaukee.....	6.40
New Glarus.....	6.40
New London.....	6.40

DISTANCE IN MILES

Over	But not over	Dollars per ton
0.....	10	1.10
10.....	15	1.25
15.....	20	1.35
20.....	25	1.45
25.....	30	1.55
30.....	35	1.65
35.....	40	1.75
40.....	50	1.90
50.....	60	2.05
60.....	70	2.20
70.....	80	2.35
80.....	90	2.50
90.....	100	2.65
100.....	110	2.75
110.....	120	2.85
120.....	130	2.95
130.....	140	3.05
140.....	150	3.15
150.....	160	3.25
160.....	170	3.35
170.....	180	3.45
180.....	190	3.55
190.....	200	3.65
200.....	210	3.75
210.....	220	3.85
220.....	230	3.95
230.....	240	4.05
240.....	250	4.15
250.....	260	4.25
260.....	270	4.35
270.....	280	4.45
280.....	290	4.55
290.....	300	4.65

PART 1364—FRESH, CURED, AND CANNED MEAT AND FISH PRODUCTS

[MPR 303]

FROZEN CANADIAN SMELTS

In the judgment of the Price Administrator the prices of frozen Canadian smelts have risen to an extent and in a manner inconsistent with the purposes of the Emergency Price Control Act of 1942. The Administrator has ascertained and given due consideration to the prices of frozen Canadian smelts prevailing between October 1, 1941, and October 15, 1941, and has made adjustments for such relevant factors as he has determined and deemed to be of general applicability. So far as practicable, the Price Administrator has advised and consulted with representative members of the industry which will be affected by this regulation.

In the judgment of the Price Administrator, the maximum prices established by this regulation are and will be generally fair and equitable, and will effectuate the purposes of said Act. A statement of the considerations involved in the issuance of this regulation has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

The maximum prices established herein are not below the average price of such commodities in the year 1941.

Therefore, under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, Maximum Price Regulation No. 303 is hereby issued.

AUTHORITY: §§ 1364.851 to 1364.862, inclusive, issued under Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871.

§ 1364.851 *Sales of frozen Canadian smelts at higher than maximum prices prohibited.* (a) On or after January 21, 1943, regardless of any contract, agreement, or other obligation, no person shall sell or deliver any frozen Canadian smelts, and no person in the course of trade or business shall buy or receive any Canadian smelts at prices higher than the maximum prices set by this regulation, and no person shall agree, offer, solicit, or attempt to do any of these things.

(b) Prices lower than the maximum prices may, of course, be charged and paid.

§ 1365.852 *Where the regulation applies.* The provisions of this regulation shall apply to the forty-eight states of the United States and the District of Columbia.

§ 1364.853 *Sales to which this regulation does not apply.* (a) The provisions of this regulation shall not be applicable to sales or deliveries of frozen Canadian smelts to a purchaser if prior to January 21, 1943, such frozen Canadian smelts have been received by a carrier, other than a carrier owned or controlled by the seller, for shipment to such purchaser.

\*Copies may be obtained from the Office of Price Administration.

For distances of more than 300 miles, an amount not in excess of the charge computed at the lowest railroad carload rate applicable to shipments of any commodity covered by Maximum Price Regulation No. 70, from the railroad siding nearest the point of shipment to the railroad siding nearest the point of delivery.

(1) For distances of 300 miles or less, all bridge, tunnel, and ferry tolls actually incurred may be added to the amount set forth in the table above.

(2) The distance shall be computed on the basis of the shortest public highway route available for the transportation of the shipment in question from point of shipment to buyer's receiving point. In the event of partial loading of a truck at each of two or more pick-up points, the transportation charge for each portion of the load delivered to the buyer shall be separately computed in accordance with the provisions of this paragraph (b).

(c) The seller shall furnish to the consumer on the invoice, or on a separate statement, the point or points of shipment, the amount of the load picked up at each point, the charge for delivery of that portion of the load picked up at each point, the mileage upon which each such portion of the charge is based, and the total delivery charge.

(d) When used in this § 1355.70, the term "point of shipment" means the point at which any commodity covered by Maximum Price Regulation No. 70, is loaded on a conveyance for transportation directly to the buyer's receiving point. This is usually the seller's plant, warehouse, or yard, but, where the material is shipped directly to the buyer from some point other than the seller's plant, warehouse, or yard, such other point is the point of shipment.

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-739; Filed, January 15, 1943; 10:30 a. m.]

§ 1355.70 *Appendix G—Terms of sale.* The maximum prices set forth in this Maximum Price Regulation No. 70 are f. o. b. point of shipment. Any commodity covered by Maximum Price Regulation No. 70 may, however, be sold, offered for sale, delivered, or transferred at prices delivered buyer's receiving point. In such cases, the maximum delivered price shall not exceed the f. o. b. point of shipment price plus whichever of the following transportation charges is applicable:

(a) When transportation to the buyer's receiving point is by public (common or contract) carrier, the actual transportation charge incurred;

(b) When transportation to the buyer's receiving point is by vehicle owned or controlled by the seller or is by private carrier not owned or controlled by the buyer, an amount not in excess of the following:

(b) The provisions of this regulation shall not apply to any sales at retail. A sale at retail is a sale to an ultimate consumer, other than industrial or commercial user.

§ 1364.854 *Relation to other regulations.* (a) The provisions of this regulation repeal the provisions of the General Maximum Price Regulation<sup>1</sup> with respect to sales and deliveries for which maximum prices are established by this regulation.

(b) The maximum price at which a person may export frozen Canadian smelts shall be determined in accordance with the provisions of the Revised Maximum Export Price Regulation<sup>2</sup> issued by the Office of Price Administration.

§ 1364.855 *Conditional agreement.* No seller of frozen Canadian smelts shall enter into an agreement permitting the adjustment of the prices to prices which may be higher than the maximum prices provided by § 1364.861; in the event that this regulation is amended or is determined by a court to be invalid or upon any other contingency: *Provided*, That if a petition for amendment has been duly filed, and such petition requires extensive consideration, the Administrator may grant an exception from the provisions of this section permitting the making of contracts adjustable upon the granting of the petition for amendment.

§ 1364.856 *Records and reports.* (a) Every person making a purchase or sale of frozen Canadian smelts in the course of trade or business or otherwise dealing therein, other than a purchaser at retail, after January 20, 1943, shall keep for inspection by the Office of Price Administration for so long as the Emergency Price Control Act of 1942, as amended remains in effect, complete and accurate records of each such purchase or sale, showing the date thereof, the name and address of the buyer and of the seller, the price contracted for or received, the quantity and a description of the grade or brand, style of pack, and container size of frozen Canadian smelts.

(b) Such person shall submit such reports to the Office of Price Administration and keep such other records in addition to or in place of the records required in paragraph (a) of this section as the Office of Price Administration may from time to time require.

§ 1364.857 *Evasion.* The price limitations set forth in this regulation shall not be evaded whether by direct or indirect methods, in connection with an offer, solicitation, agreement, sale, delivery, purchase or receipt of, or relating to frozen Canadian smelts, alone or in conjunction with any other commodity, or by way of any commission, service, transportation, or other charge, or discount, premium, or other privilege, or by tying agreement, or other trade un-

<sup>1</sup> 7 F.R. 3153, 3330, 3666, 3990, 3991, 4339, 4487, 4659, 4738, 5027, 5276, 5192, 5365, 5445, 5565, 5484, 5775, 5783, 5784, 6058, 6081, 6007, 6216, 6615, 6784, 6939, 7093, 7322, 7454, 7758, 7913, 8431, 8881, 9004, 8942, 9435, 9615, 9616, 9732, 10155, 10454.

<sup>2</sup> 7 F.R. 5059, 7242, 8829, 9000, 10530.

derstanding, or by changing the grade or style of processing or the packaging of frozen Canadian smelts.

§ 1364.858 *Enforcement.* (a) Persons violating any provisions of this regulation are subject to the criminal penalties, civil enforcement actions, suits for treble damages and proceedings for revocation of licenses provided for by the Emergency Price Control Act of 1942, as amended.

(b) Persons who have evidence of any violations of this regulation or any price schedule, regulation, or order issued by the Office of Price Administration or of any act or practices which constitute such a violation are urged to communicate with the nearest district, state, or regional office of the Office of Price Administration or of its principal office in Washington, D. C.

§ 1364.859 *Petitions for amendment.* Any person seeking an amendment of any provision of this regulation may file a petition for amendment in accordance with the provisions of Revised Procedural Regulation No. 1<sup>3</sup> issued by the Office of Price Administration.

§ 1364.860 *Definitions.* (a) When used in this maximum price regulation the term:

(1) "Person" includes any individual, corporation, partnership, association, or other organized group of persons, legal successor or representative of any of the foregoing, and includes the United States, any agency thereof, or other government, or any of its political subdivisions, and any agency of the foregoing: *Provided*, That no punishment provided by this regulation shall apply to the United States or to any such government, political subdivision, or agency.

(2) "Frozen Canadian smelts" means natural or artificially frozen fish of the genus *Osmerus mordax*, where the same are caught in Canadian waters of the North Atlantic Ocean.

(3) "Dressed smelts" means beheaded and eviscerated No. 1 smelts.

(4) "Price per pound" means the price per 16 ozs. of frozen smelts.

(5) "Extra" means a whole smelt 7 inches or more in length.

(6) "No. 1" means a whole smelt 5½ to 7 inches in length.

(7) "Medium" means a whole smelt 4 to 5½ inches in length.

(b) Unless the context otherwise requires, the definitions set forth in section 302 of the Emergency Price Control Act of 1942 shall apply to other terms used herein.

§ 1364.861 *Maximum prices for frozen Canadian smelts.* (a) The prices set forth below are maximum prices per pound packed in the usual container f. o. b. shipping point in the metropolitan area of Boston, Massachusetts, New York, New York, and Philadelphia, Pennsylvania. The maximum prices are gross prices and the seller shall deduct therefrom his customary allowances, discounts, and differentials.

"Extras" per pound @ \$.24

"No. 1s" per pound @ \$.15

<sup>3</sup> F.R. 8961.

"Mediums" per pound @ \$.08

"Dressed" per pound @ \$.25

(b) The maximum price at which frozen Canadian smelts may be sold from any other shipping point shall be the price fixed in paragraph (a) to which the seller may add the carload freight rate, on a per pound basis, from Boston to the shipping point.

(c) For other sizes of frozen Canadian smelts not listed in paragraph (a) the maximum price shall be determined by the Office of Price Administration to be in line with the prices listed in paragraph (a). Such determination shall be made upon written request, addressed to the Office of Price Administration, Washington, D. C., and accompanied by sworn statements showing costs and usual differentials.

§ 1364.862 *Effective date.* This Maximum Price Regulation No. 303 (§§ 1364.851 to 1364.862) shall become effective January 21, 1943.

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-740; Filed, January 15, 1943;  
10:28 a. m.]

#### PART 1407—RATIONING OF FOOD AND FOOD PRODUCTS

[Ration Order 3,<sup>1</sup> Amendment 35]

##### SUGAR RATIONING REGULATIONS

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

A new item is added to § 1407.243 as set forth below:

##### Schedules

\* \* \* \* \*

§ 1407.243 *Schedule C: Designation of ration periods and weight value of stamps valid therein.*

Ration period	Stamp valid during ration period	Weight value of stamp
No. 11 (February 1, 1943 to March 15, 1943).	Stamp No. 11...	3 pounds.

##### Effective Date

\* \* \* \* \*

§ 1407.222 *Effective dates of amendments.* \* \* \*

(jj) Amendment No. 35 (§ 1407.243) shall become effective January 21, 1943.

(Pub. Law 421, 77th Cong., W.P.B. Dir. No. 1, and Supp. Dir. No. 1E)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-742; Filed, January 15, 1943;  
10:28 a. m.]

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 2966, 3242, 3783, 4545, 4618, 5193, 5361, 6084, 6473, 6828, 6937, 7289, 7321, 7406, 7510, 7557, 8402, 8655, 8710, 8739, 8809, 8830, 8831, 9042, 9396, 9460, 9899, 10017, 10258, 10556, 10845; 8 F.R. 166, 262.



PART 1407—RATIONING OF FOOD AND FOOD PRODUCTS

[Ration Order 12,<sup>1</sup> Amendment 6]

COFFEE RATIONING REGULATIONS

A rationale for this amendment has been issued simultaneously herewith and has been filed with the Division of the Federal Register.\*

Paragraph (b) of § 1407.990 and paragraph (c) of § 1407.1071 are amended to read as follows and paragraph (f) of § 1407.1090a is added as set forth below:

Retailers and Wholesalers

§ 1407.990 *Compounders of coffee; reports.* \* \* \*

(b) Every compounder shall maintain records showing the amounts of substitutes or substances, including but not limited to chicory, cereal, peas, or beans, blended, compounded, or mixed by him with coffee transferred by him during each month and, beginning in January 1943, shall, between the first and fifth days of each month, surrender to the Office of Price Administration, Washington, D. C., coffee stamps or certificates in weight value equal to the weight of the substitutes or other substances blended, compounded, or mixed by him with the coffee transferred by him during the preceding month. Such person shall, at the same time, report on O. P. A. Form R-1206 (1) the amount of substitutes and substances, including but not limited to chicory, cereal, peas, or beans, blended, compounded, or mixed by him with coffee transferred during the preceding month; (2) the total weight of such coffee (including the weight of the substitutes and substances referred to in (1)) transferred during the preceding month; and (3) such other information as is called for by said form. Such report shall be prepared in triplicate. The original and duplicate thereof shall be filed with the Office of Price Administration, Washington, D. C., and the triplicate copy shall be retained by the person making the report at his principal business office. The report made in January 1943 shall include the required information for the period from November 22 to December 31, 1942.

Reports and Records

§ 1407.1071 *By persons transferring or acquiring green coffee.* \* \* \*

(c) The report referred to in paragraph (b) of this section shall be prepared on O. P. A. Form R-1205 and shall contain, in addition to the information required by paragraph (b) of this section, such other information as is called for by such form. The original and duplicate of each such report shall be sent to the Office of Price Administration, Washington, D. C., not later than the tenth day of each month; the triplicate copy shall be retained by the person reporting: *Provided, however,* That the report for the month of December 1942, which shall include the required in-

formation for the period from November 22 to December 31, 1942, inclusive, need not be sent to the Office of Price Administration prior to January 30, 1943.

Effective Date

§ 1407.1090a *Effective dates of amendments.* \* \* \*

(f) Amendment No. 6 (§§ 1407.990 (b); 1407.1071 (c); and 1407.1090a (f)) to Ration Order No. 12, shall become effective January 21, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89, 507, 421, and 729, 77th Cong.; W.P.B. Dir. No. 1, Supp. Dir. No. 1-R)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-741; Filed, January 15, 1943; 10:28 a. m.]

PART 1499—COMMODITIES AND SERVICES  
[Order 219 Under § 1499.3 (b) of GMPR]

DELUXE BRANDS CO.

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1455 *Authorization of maximum prices for sales of 4 ounce packages of "DeLuxe" Mushroom Soup Mix and 2 ounce packages of "DeLuxe" Mushroom Sauce Mix by DeLuxe Brands Co., 3709 W. Jefferson Blvd., Los Angeles, California, by wholesalers and by retailers:*

(a) On and after January 16, 1943, the maximum prices for sales by DeLuxe Brands Co., 3709 W. Jefferson Blvd., Los Angeles, California, of the following dehydrated food items shall be:

	<i>Per dozen</i>
4 oz. "DeLuxe" Mushroom Soup Mix...	\$1.48
2 oz. "DeLuxe" Mushroom Sauce Mix...	1.25

These prices shall include prepaid freight to purchasers' stations.

(b) Sellers at wholesale shall determine their maximum delivered selling prices of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix by adding to their net cost of each item a mark-up of 20% of such net cost. The maximum delivered prices so determined shall not exceed the following:

	<i>Per dozen</i>
4 oz. "DeLuxe" Mushroom Soup Mix...	\$1.69
2 oz. "DeLuxe" Mushroom Sauce Mix...	1.43

Where a maximum price per dozen determined by the provisions of this paragraph is a fractional cent price and the fraction of a cent is less than one-half cent, the price per dozen shall be lowered to the next lower cent. If the fraction is one-half cent or larger, the wholesaler may increase his maximum price per dozen to the next higher cent.

Net cost for a wholesaler as mentioned in this paragraph shall be his invoice price for the first delivery of "DeLuxe" Mushroom Sauce Mix delivered in a customary quantity for this type of item by the customary mode of transportation to his customary receiving point, less all discounts allowed him, except a discount for prompt payment. No charge or cost

for unloading or local trucking shall be included in net cost.

(c) Sellers at retail shall determine their maximum selling prices of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix by adding to their net cost of each item a mark-up of 33 1/3% of such net cost. The maximum prices so determined shall not exceed the following:

	<i>Per package</i>
4 oz. "DeLuxe" Mushroom Soup Mix....	19¢
2 oz. "DeLuxe" Mushroom Sauce Mix....	16¢

Where a maximum price per package determined by the provisions of this paragraph is a fractional cent price and the fraction of a cent is less than one-half cent, the price per package shall be lowered to the next lower cent. If the fraction is one-half cent or larger, the retailer may increase his maximum price per package to the next higher cent.

Net cost for a retailer as mentioned in this paragraph shall be his invoice price for the first delivery of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix delivered to his customary receiving point in a customary quantity of this type of item by a customary mode of transportation and from a customary source of supply, less all discounts allowed him, except a discount for prompt payment. No charge or cost for unloading or local trucking shall ever be included.

(d) No seller, except a seller at retail, shall change his customary discounts, allowances and price differentials applying to comparable items of dehydrated foods, in making sales of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix, unless such change in these customary discounts, allowances and price differentials results in lower selling prices.

(e) On and after January 16, 1943, DeLuxe Brands Co. shall supply written notification to each wholesaler before or at the time of first delivery of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix and for a period of three months thereafter shall include with each shipping unit of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix a written notification to retailers. If such retailer notification is enclosed in a shipping unit, a legend shall be affixed outside of such unit to read "Retailer's Notice Enclosed". The written notifications, for each type of purchaser may be prepared separately for each of the listed items or may refer to both of the listed items, and shall include the following appropriate statements:

*Notification from DeLuxe Brands Co. to Wholesalers*

The OPA has authorized us to charge wholesalers the following prices per dozen packages of "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix, subject to all customary allowances and discounts:

	<i>Per dozen</i>
4 oz. "DeLuxe" Mushroom Soup Mix...	\$1.48
2 oz. "DeLuxe" Mushroom Sauce Mix...	1.25

Wholesalers are authorized to establish a ceiling price for each item by adding to the net cost of the item 20% of such net cost, provided that the ceiling prices so determined

\*Copies may be obtained from the Office of Price Administration.

<sup>1</sup> 7 F.R. 9710, 10380, 11071, 11072; 8 F.R. 28, 167.



shall not exceed the following prices per dozen:

*Per dozen*

4 oz. "DeLuxe" Mushroom Soup Mix... \$1.69  
2 oz. "DeLuxe" Mushroom Sauce Mix... 1.43

Net cost is the invoice cost of the first delivery of a customary supply at the customary receiving point, less all discounts, other than for prompt payment, and excluding charges for local hauling. Retailers shall establish a ceiling price by adding to their net cost 33 1/2% of such net cost. Each individual ceiling price determined by any seller shall be figured to the nearest cent (raise one-half cent fractions to the next even cent). A copy of a notification to retailers is included in every shipping unit of these items. If the initial sale of one of these items to any retailer is a split case sale, wholesalers are required to provide such retailer with a copy of the retail notification so enclosed. OPA requires that you keep this notice for examination.

*Notification from DeLuxe Brands Co. to Retailers*

The OPA authorizes retailers to establish ceiling prices for "DeLuxe" Mushroom Soup Mix and "DeLuxe" Mushroom Sauce Mix as listed below by adding to the net cost of each item 33 1/2% of such net cost, provided that the ceiling prices so determined shall not exceed the following prices per package:

*Per package*

4 oz. "DeLuxe" Mushroom Soup Mix... 19¢  
2 oz. "DeLuxe" Mushroom Sauce Mix... 16¢

Net cost is the invoice cost of the first delivery of a customary supply at the customary receiving point, less all discounts, other than for prompt payment, and excluding charges for local hauling. Such ceiling prices shall be figured to the nearest cent (raise one-half cent fractions to the next even cent). OPA requires that you keep this notice for examination.

(f) This Order No. 219 may be revoked or amended by the Price Administrator at any time.

(g) This Order No. 219 (§ 1499.1455) shall become effective as of January 16, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-746; Filed, January 15, 1943; 10:32 a. m.]

PART 1499—COMMODITIES AND SERVICES  
[Order 161 Under § 1499.18 (b) of GMPP]

CORNELIUS PACKING COMPANY

Order No. 161 under § 1499.18 (b) of the General Maximum Price Regulation—Docket No. GF3-2016.

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1062 *Adjustment of maximum prices for raw sheep casings sold by the Cornelius Packing Company.* (a) The Cornelius Packing Company, Los Angeles, California, may sell and deliver and any person may buy and receive from the

Cornelius Packing Company raw sheep casings at a price not higher than \$1.18 per casing.

(b) All prayers of the application not granted herein are denied.

(c) This Order No. 161 may be revoked or amended by the Price Administrator at any time.

(d) This Order No. 161 (§ 1499.1062) is hereby incorporated as a section of Supplementary Regulation No. 14 which contains modifications of maximum prices established by § 1499.2.

(e) This Order No. 161 (§ 1499.1062) shall become effective January 16, 1943. (Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-743; Filed, January 15, 1943; 10:30 a. m.]

PART 1499—COMMODITIES AND SERVICES  
[Order 162 Under § 1499.18 (b) of GMPP]

FRANK A. DELANEY

Order No. 162 under § 1499.18 (b) of the General Maximum Price Regulation—Docket No. GF3-2812.

For the reasons set forth in an opinion issued simultaneously herewith and filed with the Division of the Federal Register, *It is ordered:*

§ 1499.1063 *Adjustment of the maximum price for the sale of Irish linen napkins, Style No. 141, by Frank A. Delaney.* (a) Frank A. Delaney, 377 Broadway, New York, New York, may sell and deliver, and any person may buy and receive from Frank A. Delaney the napkins described below at a price no higher than that set forth below:

Style No.	Description	Price per dozen
141	Irish linen napkins 12" x 12" Hemstitched.....	\$2.75

(b) The maximum price set forth in paragraph (a) shall be subject to the same terms and conditions of sale as were granted to purchasers during March, 1942.

(c) Frank A. Delaney shall cause the following notice to be sent, in writing, to all persons purchasing the napkins described above:

The Office of Price Administration has permitted us to raise our maximum price for Irish linen napkins, Style No. 141, from \$2.40 per dozen to \$2.75 per dozen. This amount represents only that part of cost increases which we were unable to absorb, and it was granted with the understanding that retail prices would not be raised. The Office of Price Administration has not permitted you or

any other seller to raise maximum prices for Irish linen napkins.

(d) All prayers of the petition not granted herein are denied.

(e) This Order No. 162 may be revoked or amended by the Price Administrator at any time.

(f) This Order No. 162 (§ 1499.1063) is hereby incorporated as a section of Supplementary Regulation No. 14, which contains modifications of maximum prices established by § 1499.2.

(g) This Order No. 162 (§ 1499.1063) shall become effective January 16, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of January, 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-744; Filed, January 15, 1943; 10:32 a. m.]

Chapter XIII—Petroleum Administration for War

[Amendment 1 to Petroleum Administrative Order 1, as Amended January 11, 1943]

PART 1545—PETROLEUM SUPPLY

DELIVERY OF MOTOR FUEL AND FUEL OIL

1. Section 1545.1 *Petroleum Administrative Order 1* [8 F.R. 496] is hereby amended by changing paragraphs (b) (1) (iii) and (b) (1) (iv) to read as follows:

(b) *Restrictions on delivery of motor fuel and fuel oil.* \* \* \*

(iii) As specifically authorized upon application filed under paragraph (h) of this order; or

(iv) As permitted under the terms of paragraph (e) of this order.

2. Section 1545.1 *Petroleum Administrative Order 1* is hereby amended by changing paragraph (e) (1) (iv) to read as follows:

(e) *Permitted deliveries.* \* \* \*

(iv) Such withdrawal or delivery is made for ultimate use within the zone in which is located the bulk terminal or refinery from which the withdrawal or delivery is made: *Provided*, That this limitation shall not apply to any delivery between zones which are made in the established and regular course of business, and such deliveries shall be charged against the quota of the delivering supplier in the zone in which the delivery is made.

(E.O. 9276, 7 F.R. 10091; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 14th day of January 1943.

R. K. DAVIES,  
Acting Petroleum  
Administrator for War.

[F. R. Doc. 43-718; Filed, January 14, 1943; 4:19 p. m.]

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**Notices**


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**DEPARTMENT OF THE INTERIOR.****Bituminous Coal Division.**

[Docket Nos. B-112, B-275]

**SAMUEL C. HAER AND FRED B. HAER****ORDER ADOPTING PROPOSED FINDINGS OF FACT, ETC.**

In the matter of Samuel C. Haer and Fred B. Haer, individually and as copartners, doing business under the name and style of Samuel C. Haer and Fred B. Haer, code member.

In the matter of Samuel C. Haer, Arthur L. Haer and B. C. Stear, individually and as copartners, doing business under the name and style of Samuel C. Haer, Arthur L. Haer and B. C. Stear, code member.

Order approving and adopting the proposed findings of fact, proposed conclusions of law and recommendation of the examiner and revoking code membership.

The proceedings herein were instituted upon a complaint filed with the Bituminous Coal Division on October 16, 1941, pursuant to the provisions of sections 4 II (j) and 5 (b) of the Bituminous Coal Act of 1937, by District Board 1, and were duly consolidated into one proceeding. The complaint alleged that Samuel C. Haer and Fred B. Haer, individually and as copartners, doing business under the name and style of Samuel C. Haer and Fred B. Haer, a code member of District 1, operating the Haer mine, Mine Index No. 1464, in District 1, wilfully violated the provisions of the Act, the Bituminous Coal Code, and the rules and regulations thereunder, and prayed that the Division either cancel and revoke the code membership of Samuel C. Haer and Fred B. Haer or, in its discretion, direct code member to cease and desist from violations of the code and the rules and regulations thereunder.

Hearings were held in the matters involved herein on January 9, and on July 30, 1942, before duly designated Examiners of the Division, at a hearing room thereof at Altoona, Pennsylvania. All interested persons were afforded an opportunity to be present, adduce evidence, cross-examine witnesses, and otherwise be heard. District Board 1 and code member appeared at the hearing.

Examiner Cuff, who was authorized to prepare and submit a report on the basis of the entire record, made and entered his Report, Proposed Findings of Fact, Proposed Conclusions of Law and Recommendation in this matter, dated September 10, 1942, finding that Samuel C. Haer, Arthur L. Haer and B. C. Stear, individually and as copartners, doing business under the name and style of Samuel C. Haer, Arthur L. Haer and B. C. Stear, a code member, wilfully violated sections 4 II (e) and 4 II (g) of the Act and Parts II (e) and II (g) of the Code by selling (1) during the period from October 3, 1940, through April 26, 1941, 734.66 net tons of run of mine coal produced at code member's Haer Mine, Mine Index No. 1464, located in Indiana County, Pennsylvania, in District 1, at a price

of \$2.25 per net ton delivered f. o. b. facilities of the purchaser, whereas the effective minimum price for such coal was \$2.20 per net ton f. o. b. the mine and the transportation and other incidental charges thereon, were not less than 30 cents per net ton, and (2) during the period from May 3, 1941, through November 21, 1941, 857.73 tons of run of mine coal, likewise produced at said Haer mine, at a price of \$2.40 per net ton delivered f. o. b. facilities of the purchaser, whereas the effective minimum price for such coal was \$2.20 per net ton f. o. b. the mine and the transportation and other incidental charges thereon were not less than 30 cents per ton.

The Examiner further found and recommended that the membership in the Code of said Samuel C. Haer, Arthur L. Haer and B. C. Stear, individually and as copartners, doing business under the name and style of Samuel C. Haer, Arthur L. Haer and B. C. Stear, be cancelled and revoked and that prior to their restoration into membership in the Code, the partnership should be required to pay to the United States a tax in the amount of \$1,366.27, in accordance with the provisions of section 5 (c) of the Act.

An opportunity was afforded to all parties to file exceptions to said Examiner's Report and supporting briefs, and no such exceptions or supporting briefs have been filed.

The undersigned has considered the record in these matters and has determined that the Proposed Findings of Fact, Proposed Conclusions of Law and the Recommendation of the Examiner should be approved and adopted as the Findings of Fact and Conclusions of Law of the undersigned.

*Now, therefore, it is ordered,* That the Proposed Findings of Fact and Proposed Conclusions of Law of the Examiner be, and the same are hereby approved and adopted as the Findings of Fact and Conclusions of Law of the undersigned;

*It is further ordered,* That effective fifteen (15) days from the date hereof, the code membership of Samuel C. Haer, Arthur L. Haer and B. C. Stear, individually and as copartners, doing business under the name and style of Samuel C. Haer, Arthur L. Haer and B. C. Stear, operating the Haer Mine, Mine Index No. 1464, located in Indiana County, Pennsylvania, in District 1, be and it hereby is cancelled and revoked.

*It is further ordered,* That prior to reinstatement of said Samuel C. Haer, Arthur L. Haer and B. C. Stear, individually and as copartners, doing business under the name and style of Samuel C. Haer, Arthur L. Haer and B. C. Stear, into membership in the Code, there shall be paid to the United States a tax, as provided in section 5 (c) of the Act, in the amount of \$1,366.27.

Dated: January 12, 1943.

[SEAL] DAN H. WHEELER,  
Director.[F. R. Doc. 43-696; Filed, January 14, 1943;  
12:30 p. m.]

[Docket Nos. A-1787, A-1787, Part II]

**DISTRICT BOARD 1****NOTICE OF AND ORDER FOR HEARING, ETC.**

In the matter of the petition of District Board No. 1 for the establishment

of price classifications and minimum prices for the coals of certain mines and for changes in shipping points for the coals of certain other mines.

In the matter of the petition of District Board No. 1 for a change of price classifications and minimum prices and for a change in seam designation for the coals of the Getch Coal Co. Mine, Mine Index No. 746 of Ellinger & Getch.

Order severing Docket No. A-1787, Part II from Docket No. A-1787, denying temporary relief in Docket No. A-1787, Part II, and notice of and order for hearing.

An original petition, pursuant to section 4 II (d) of the Bituminous Coal Act of 1937, having been filed with the Division requesting the establishment of price classifications and minimum prices, both temporary and permanent, for the coals of certain mines; corrections in the designations of the shipping points for the coals of certain other mines; a change in shipping point for the coals of Ray S. Walker (Bradford Coal Company) and a change in seam designation for the coals of the Getch Coal Co. Mine, Mine Index No. 746 of Ellinger and Getch; and

As indicated in a separate order entered this day in Docket No. A-1787, a reasonable showing of necessity having been made with respect to the request for relief contained in said original petition, except for that portion which relates to the request that the seam designation for the coals produced at the Getch Coal Co. Mine, Mine Index No. 746 of Ellinger and Getch be changed from "E" to "D"; that the classification of these coals be raised from "F" to "E" in Size Groups 3, 4, and 5, respectively, for all shipments except truck, and that the minimum f. o. b. mine prices applicable to such coals in Size Groups 3, 4, and 5 be increased to \$2.45, \$2.30, and \$2.25 respectively, for truck shipments, as to which it appears that no final determination should be made at this time; and

No reasonable showing of necessity having been presented for the granting of temporary relief herein without a hearing; and

No petitions of intervention having been filed with the Division in this matter; and

The following action being deemed necessary in order to effectuate the purposes of the Act;

*Now, therefore, it is ordered,* That the portion of Docket No. A-1787 relating to the coals of the Getch Coal Co. Mine, Mine Index No. 746 of Ellinger & Getch be, and it hereby is, severed from Docket No. A-1787 and designated as Docket No. A-1787, Part II.

*It is further ordered,* That the request for temporary relief be and the same hereby is denied without prejudice to the renewal of such request for temporary relief, upon further showing or upon the basis of the record to be made at the hearing to be held herein.

*It is further ordered,* That a hearing in the above-entitled matter under the applicable provisions of the Bituminous Coal Act of 1937 and the rules of the Division be held on January 28, 1943, at 10 o'clock in the forenoon of that day, at a hearing room of the Bituminous Coal Di-



vision, Washington, D. C. On such day the Chief of the Records Section will advise as to the room where such hearing will be held.

*It is further ordered*, That D. C. McCurtain or any other officer or officers of the Division duly designated for that purpose shall preside at the hearing in such matter. The officers so designated to preside at such hearing are hereby authorized to conduct said hearing, to administer oaths and affirmations, examine witnesses, to continue said hearing from time to time, and to prepare and submit proposed findings of fact and conclusions and the recommendation of an appropriate order in the premises, and to perform all other duties in connection therewith authorized by law.

Notice of such hearing is hereby given to all parties herein and to persons or entities having an interest in this proceeding and eligible to become a party herein. Any person desiring to be admitted as a party to this proceeding may file a petition of intervention in accordance with the rules and regulations of the Bituminous Coal Division for proceedings instituted pursuant to section 4 II (d) of the Act, setting forth the facts on the basis of which the relief in the original petition is supported or opposed or on the basis of which other relief is sought. Such petitions of intervention shall be filed with the Bituminous Coal Division on or before January 23, 1943.

All persons are hereby notified that the hearing in the above-entitled matter and any orders entered therein may concern, in addition to the matters specifically alleged in the petition, other matters necessarily incidental and related thereto, which may be raised by amendment to the petition, petitions of intervention or otherwise, or which may be necessary corollaries to the relief, if any, granted on the basis of this petition.

The matter concerned herewith is in regard to the request of District Board No. 1 that the seam designation for the coals produced at the Getch Coal Co. Mine, Mine Index No. 746 of Ellinger and Getch be changed from "E" to "D" and that the classification of these coals be raised from "F" to "E" in Size Groups 3, 4, and 5, respectively, for all shipments except truck, and that the minimum f. o. b. mine prices applicable to such coals in Size Groups 3, 4, and 5 be increased to \$2.45, \$2.30, and \$2.25 respectively for truck shipments.

Dated: January 12, 1943.

[SEAL] DAN H. WHEELER,  
*Director.*

[F. R. Doc. 43-697; Filed, January 14, 1943;  
12:30 p. m.]

#### FEDERAL COMMUNICATIONS COMMISSION.

[Docket No. 6485]

WJW, Inc.

#### ORDER ON PETITION FOR REHEARING

In re WJW, Inc., Akron, Ohio, for modification of construction permit.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 13th day of January 1943.

The Commission having under consideration the petition for rehearing filed by National Broadcasting Company, Inc., on December 22, 1942, directed against the action of the Commission of December 2, 1942, granting the application of WJW, Inc., for modification of construction permit, and the opposition to the petition for rehearing filed by WJW, Inc. on January 11, 1943;

*It is ordered*, That a hearing be held in the above-entitled matter on issues to be specified;

*It is further ordered*, That petitioner's request for a stay be, and it is hereby, dismissed without prejudice to petitioner's right to renew the request if WJW, Inc., should seek authority actually to operate on 850 kc in Cleveland prior to a final decision by the Commission in this matter.

[SEAL] FEDERAL COMMUNICATIONS COMMISSION.  
T. J. SLOWIE, *Secretary.*

[F. R. Doc. 43-731; Filed, January 15, 1943;  
10:20 a. m.]

[Docket No. 6484]

THE WESTERN UNION TELEGRAPH COMPANY  
AND POSTAL TELEGRAPH-CABLE COMPANY  
(NEW YORK)

#### ORDER FOR HEARING

In the matter of proposed "Longram" classification of telegraph communications.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 12th day of January 1943;

It appearing, that The Western Union Telegraph Company and the Postal Telegraph-Cable Company (New York) have filed with the Commission tariff schedules, to become effective February 1, 1943, proposing to establish a new classification of telegraph communications designated as "Longram" communications; said tariff schedules being designated as follows:

#### THE WESTERN UNION TELEGRAPH COMPANY

F. C. C. No. 176  
5th Revised Page 2  
3rd Revised Page 7  
F. C. C. No. 177  
3rd Revised Page 3  
3rd Revised Page 4  
4th Revised Page 5  
F. C. C. No. 217  
Supplement No. 90

#### POSTAL TELEGRAPH-CABLE COMPANY

F. C. C. No. 59  
1st Revised Page 4  
Original Page 4a  
1st Revised Page 5  
F. C. C. No. 61  
1st Revised Page 266  
F. C. C. No. 63  
1st Revised Page 12  
2nd Revised Page 36  
2nd Revised Page 41  
1st Revised Page 42  
1st Revised Page 45  
1st Revised Page 46  
1st Revised Page 103  
2nd Revised Page 104  
2nd Revised Page 107

It further appearing, That the Commission is unable to decide that such proposed new "Longram" classification

of telegraph communications provided for in said tariff schedules, and the charges, regulations, practices, and services for and in connection with such "Longram" classification which are provided for in said tariff schedules, are just and reasonable; and that such classification, and such charges, regulations, practices, and services, may be unjust and unreasonable, unjustly, unreasonably, or unduly discriminatory, preferential, prejudicial, advantageous, disadvantageous, or otherwise violative of the Communications Act of 1934, as amended; and it being the opinion of the Commission that the effective date of said tariff schedules, insofar as they relate to the "Longram" classification of telegraph communications, should be postponed pending hearing and decision on the lawfulness of such classification, and of the related charges, regulations, practices, and services;

*It is ordered*, That the Commission, upon its own motion, without formal pleading, enter upon a hearing concerning the lawfulness of the "Longram" classification of telegraph communications, provided for in the herein above-cited schedules, and of the charges, regulations, practices, and services for and in connection with such "Longram" classification;

*It is further ordered*, That the operation of the herein above-cited tariff schedules of The Western Union Telegraph Company and of the Postal Telegraph-Cable Company (New York), insofar as they provide for the "Longram" classification of telegraph communications, and for charges, regulations, practices, and services for and in connection with such classification, be suspended until further order of the Commission; that the use of the "Longram" classification, and of the charges, regulations, practices, and services for and in connection with such classification, stated in said tariff schedules, be deferred, unless otherwise ordered by the Commission; and that during said period of suspension no changes shall be made in such classification or in the charges, regulations, practices, and services for and in connection with such classification, unless authorized by special permission of the Commission.

*It is further ordered*, That a copy of this order be filed in the offices of the Federal Communications Commission with said tariff schedules herein suspended in part; that The Western Union Telegraph Company, the Postal Telegraph-Cable Company (New York), and the carrier parties to said tariff schedules be, and they are hereby, each made a party respondent to this proceeding; and that copies hereof be served upon each party respondent;

*It is further ordered*, That this proceeding be, and the same is hereby, assigned for hearing on the 3rd day of February, 1943, beginning at 10:00 a. m. at the offices of the Federal Communications Commission in Washington, D. C.

By the Commission.

[SEAL] T. J. SLOWIE,  
*Secretary.*

[F. R. Doc. 43-730; Filed, January 15, 1943;  
10:20 a. m.]



## OFFICE OF ALIEN PROPERTY CUSTODIAN.

[Vesting Order 201]

## PATENTS OF ENEMY NATIONALS

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095 [7 F.R. 5205], as amended, and pursuant to law, the undersigned, after investigation, finding that the property described as follows:

All right, title, interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in volumes 1, 2, 3 and 4 of Exhibit A attached hereto and made a part hereof,

is property in which nationals of a foreign country or countries have interests, and having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise, and deeming it necessary in the national interest, hereby vests such property in the Alien Property Custodian, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property and any or all of the proceeds thereof shall be held in a special account pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C. on October 2, 1942.

[SEAL]

LEO T. CROWLEY,  
Alien Property Custodian.

## EXHIBIT A—VOLUME 1

Patents identified as follows, giving the number of the patent, the grantee's name, in some cases in abbreviated form, the title of the invention, the date of issue, and a code number representing the nationality of the grantee, such code

<sup>1</sup> The code numbers throughout this Exhibit A, Volume I appear in parentheses.

numbers<sup>1</sup> having the following meanings:

- 6 Austria  
28 Germany  
34 Hungary  
38 Italy  
39 Japan  
57 Rumania  
11 Bulgaria
- 1,555,852; Heidemann Otto et al; John Max. Drop dispersing agent. Issued 10-6-25. (28)
- 1,555,940; Bultemann August. Process of making insulators. Issued 10-6-25. (28)
- 1,555,989; Kisse Konrad. Reinforcement system for concrete structures. Issued 10-6-25. (28)
- 1,556,095; Gans Otto. Swivel joint for dolls. Issued 10-6-27. (28)
- 1,556,116; All. Maschinenfabrik Koenig Werk GmbH. Paper feeding apparatus for printing presses folding machines and the like. Issued 10-6-27. (28)
- 1,556,211; Busemann Adolf. Apparatus for determining the torsional oscillatory strength of materials for engineering. Issued 10-6-27. (28)
- 1,556,210; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 10-6-27. (28)
- 1,556,224; Klotz Alfred. Valve. Issued 10-6-27. (28)
- 1,556,299; Obermoser Karl. Automatic coupling. Issued 10-6-27. (28)
- 1,556,304; Pistolesi Enrico. Air propeller. Issued 10-6-27. (38)
- 1,556,325; Grumpelt Oskar Fritz Amandus Emil. Method for cutting metals by the aid of an electric current fed to a rotating cutting disk. Issued 10-6-27. (28)
- 1,556,379; Traitteur Friedrich Oskar V. Stop cylinder printing press with front delivery. Issued 10-6-27. (28)
- 1,556,404; All. Bek Ernst Gideon. Soldering machine. Issued 10-6-27. (28)
- 1,556,407; Bottcher Alfred. Valve gear for pipes with several branches. Issued 10-6-27. (28)
- 1,556,479; Blauhorn Emanuel; Hajek Otto et al. Lubricating oil pump. Issued 10-6-27. (6)
- 1,556,489; Carbone Domenico. Process for preparing cultures of bacillus feiseinus. Issued 10-6-27. (38)
- 1,556,499; Deutsch Hermann. Recording device. Issued 10-6-27. (28)
- 1,556,571; Dobbelstein Otto; Hess Hermann. Annular kiln for drying as well as for carbonizing solid carbonaceous or like materials. Issued 10-6-27. (28)
- 1,556,637; Schuttler Hieronymus Paul. Two stroke cycle internal combustion engine. Issued 10-13-25. (28)
- 1,556,772; Endo Toshihiro. Process of manufacturing seasonings or like food-stuffs from fish or shellfish. Issued 10-13-25. (39)
- 1,556,787; Grosse Eduard. Printing machine. Issued 10-13-25. (28)
- 1,556,844; Klepper Eberhard. Apparatus for producing crinkled paper. Issued 10-13-25. (28)
- 1,556,850; Kuhne Georg. Machine for sowing seed. Issued 10-13-25. (28)
- 1,556,865; Muller Bruno. Sun drying means for vegetable material. Issued 10-13-25. (28)
- 1,556,964; All. Gewerkschaft Securitas. Electric ciphering apparatus. Issued 10-13-25. (28)
- 1,556,981; Voigt Ottomar. Device for closing preserve jars. Issued 10-13-25. (28)
- 1,556,982; All. Optische Anstalt C P Goertz A G. Means for softening the contours of the images of photographic objectives. Issued 10-13-25. (28)
- 1,557,041; Frank Martin. Tea strainer. Issued 10-13-25. (28)
- 1,557,085; Piller Franz. Daylight plate changer. Issued 10-13-25. (28)
- 1,557,121; Vogel Max. Staple package. Issued 10-13-25. (28)
- 1,557,184; Muller Friedrich. Starting device for internal-combustion engines. Issued 10-13-25. (6)
- 1,557,338; Runkel Roland. Method of producing half stuffs and cellulose. Issued 10-13-25. (28)
- 1,557,397; Bagnuio Alberto. Injecting and carbureting apparatus for heavy oil high power engines. Issued 10-13-25. (38)
- 1,557,471; Basenach Nikolaus. Anchoring arrangement for airships. Issued 10-13-25. (28)
- 1,560,557; Freund Willy. Spinning machine. Issued 11-10-25. (28)
- 1,560,575; All. Anilin Fabrikation A G. Apparatus for treating artificial threads wound on bobbins. Issued 11-10-25. (28)
- 1,560,626; Weiter Adolf. Process for the manufacture of high percentage nondecomposable durable soap. Issued 11-10-25. (28)
- 1,560,711; All. Bertram Hallesche Dampfbackofen. Dough dividing machine. Issued 11-10-25. (28)
- 1,560,806; Schuckher Albert. Method of and apparatus for heating water. Issued 11-10-25. (6)
- 1,560,885; Walter Richard. Method of making alloys. Issued 11-10-25. (28)
- 1,560,918; Stubgen Rudolf. Automatic feeding of metal sheets and the like. Issued 11-10-25. (28)
- 1,560,933; All. Yamanouchi Teiji. Galvanizing flux. Issued 11-10-25. (39)
- 1,560,982; Fprmaca Giodp. Speed reducer and reverse gear for internal combustion engines. Issued 11-10-25. (38)
- 1,561,070; Fujiyama Tsuneichi. Process of and apparatus for producing cement. Issued 11-10-25. (39)
- 1,561,125; Them Hermann. Self igniting marine torch. Issued 11-10-25. (28)
- 1,561,173; All. Zeiss Firm of Carl. Method and device for examining end gauges. Issued 11-10-25. (28)
- 1,561,224; Fritsche Richard. Electrical soldering device. Issued 11-10-25. (28)
- 1,561,258; Loewe Siegmund. Process for testing spark stations. Issued 11-10-25. (28)
- 1,561,552; Ligniez Kurt. Inlet control for reciprocating engines. Issued 11-17-25. (28)
- 1,561,557; Maas Gottfried H. J. Construction of railroads and tramways. Issued 11-17-25. (28)
- 1,561,731; All. Rheinische Metallwaaren Und. Electric arc furnace. Issued 11-17-25. (28)
- 1,561,825; Schiff Ludwig; Bothe Otto et al. Electric sound reproducing device. Issued 11-17-25. (28)
- 1,561,863; Kuhne Joseph. Apparatus for making in the cold screw blanks rivets and similar headed articles. Issued 11-17-25. (28)
- 1,561,916; Ernst Gotthard. Swimming cushion. Issued 11-17-25. (28)
- 1,561,968; Burstyn Walther. Soldering iron. Issued 11-17-25. (28)
- 1,561,986; Kuppers Karl. Syringe. Issued 11-17-25. (28)
- 1,561,992; Marazzi Ettore. Machine gun mounting. Issued 11-17-25. (38)
- 1,562,017; Von Littrow Hans. Apparatus for cleaning windows. Issued 11-17-25. (28)
- 1,562,045; Pels Henry. Reciprocating shearing machine. Issued 11-17-25. (28)
- 1,562,062; Schmidt Lilly. Guide for violin bows. Issued 11-17-25. (28)
- 1,562,118; All. Lignofojen maschinen und tar separator. Issued 11-17-25. (28)

- 1,562,127; Schmid Francesco. Means for regulating moving torpedoes. Issued 11-17-25. (38)
- 1,562,134; Zander Hermann. Strainer for oil presses. Issued 11-17-25. (28)
- 1,562,220; Fritsch Rudolf. Device for moving curtainlike roundhorizons. Issued 11-17-25. (28)
- 1,562,227; All. Daluminothermie GmbH. Method of welding metals. Issued 11-17-25. (28)
- 1,562,243; All. Siemens & Halske Akg. Apparatus for continuously measuring the combustible constituents of waste gases. Issued 11-17-25. (28)
- 1,562,468; All. Badische Anilin and Soda Fabrik. Manufacture of vat dyestuffs. Issued 11-29-25. (28)
- 1,562,480; All. Badische Anilin and Soda Fabrik. Synthesizing higher molecular organic compounds containing oxygen. Issued 11-24-25. (28)
- 1,562,501; Von Frommer Rudolf. Sporting gun. Issued 11-24-25. (34)
- 1,562,510; All. Farbenfabriken Vorm Friedr Bayer and Co. Process for protecting wool furs and other materials against attack by moths. Issued 11-24-25. (28)
- 1,562,517; Porscke Rudolf. Electrolyte for galvanic elements. Issued 11-24-25. (28)
- 1,562,564; All. Frankensteiner Magnesitwerke A. G. Process for briquetting fuels. Issued 11-24-25. (28)
- 1,562,660; Simmelbauer Wilhelm. Safety razor. Issued 11-24-25. (28)
- 1,562,735; Bongiovanni Luca. Distribution and control arrangement for two stroke engines. Issued 11-24-25. (38)
- 1,562,796; All. Rheinische Metallwaren Und. Shell firing gun with two barrels. Issued 11-24-25. (28)
- 1,562,818; Maeder Horst; Wolfes Otto et al. Process for the purification of phosphoric acid containing arsenic. Issued 11-24-25. (28)
- 1,562,917; All. Anschütz and Co. Method of and means for increasing the turning moment in indicating devices. Issued 11-24-25. (28)
- 1,563,043; Rosenheim Karl. Locking device for skylights and the like. Issued 11-24-25. (28)
- 1,563,052; Vollmer Heinrich. Cartridge feed mechanism. Issued 11-24-25. (28)
- 1,563,110; All. Thyssen and Co. A. G. Rotor for electrical machines. Issued 11-24-25. (28)
- 1,563,129; Weil Ludwig. Centrifugal pump or blower and similar machine. Issued 11-24-25. (28)
- 1,563,216; All. Amme Giesecke and Konegen A. G. Cast roller for mills. Issued 11-24-25. (28)
- 1,563,315; All. Krupp Fried A G Germania-werft. Fuel injecting device for internal combustion engines. Issued 12-1-25. (28)
- 1,563,515; Monti Eudo. Preparation of concentrated unalterable foods. Issued 12-1-25. (38)
- 1,563,526; Purrer Anton. Piano action or movement. Issued 12-1-25. (6)
- 1,563,531; Schieferstein Georg Heinrich. Method of and means for balancing and coupling freely oscillating units and units with restrained oscillations. Issued 12-1-25. (28)
- 1,563,536; All. Chemische Fabrik Griesheim Elektron. Process for producing artificial cryolite free from iron from aluminum salt solutions containing iron. Issued 12-1-25. (28)
- 1,563,690; Christiani Severino. System for transmitting energy by means of steam working in a closed cycle. Issued 12-1-25. (38)
- 1,563,699; Franke Paul. Foot boring machine for dentists with driving motor. Issued 12-1-25. (28)
- 1,563,793; All. Pollak Fritz. Process for applying metallic coatings to porous bases. Issued 12-1-25. (6)
- 1,564,010; Nourney Carl. Translucent luminous advertising mirror. Issued 12-1-25. (28)
- 1,564,106; Patzschke Otto. Stretching apparatus for treating arm and leg fractures. Issued 12-1-25. (28)
- 1,564,141; Schmittutz Carl. Process for impregnating living trees. Issued 12-1-25. (28)
- 1,564,142; Schwalbe Carl Gustav. Utilizing sulphite cellulose dye. Issued 12-1-25. (28)
- 1,564,161; Weingarten Alfred. Method of procedure for sensitizing kinoflms for positive copies by means of solutions of bichromate. Issued 12-1-25. (28)
- 1,564,295; Thorner Walther. Cinematographic apparatus. Issued 12-8-25. (28)
- 1,564,344; Girard Fritz. Quartz lamp. Issued 12-8-25. (28)
- 1,564,354; Junkers Hugo. Armored aeroplane. Issued 12-8-25. (28)
- 1,564,355; Junkers Hugo. Flying machine. Issued 12-8-25. (28)
- 1,564,376; Sohner Robert. Clawed driving wheel for motor plows, tractors and the like. Issued 12-8-25. (6)
- 1,564,384; Von Thunger Konrad Freiherr. Appliance for securing caps on sticks or the like. Issued 12-8-25. (28)
- 1,564,500; Van De Voorde Eugene. Smokers pipe. Issued 12-8-25. (28)
- 1,564,508; Bauermeister Emil Ludwig Hermann. Blast sifter. Issued 12-8-25. (28)
- 1,564,562; Grunewald Hans. Manufacture of firework articles. Issued 12-8-25. (28)
- 1,564,591; Lansche Albert. Method of manufacturing backcut screw dies made in two parts with four chasers or cutting edges. Issued 12-8-25. (28)
- 1,564,600; Maly Hermann. Method of carding textile fibers and apparatus therefor. Issued 12-8-25. (28)
- 1,564,640; Stille Kurt. Phonograph having a casket like casing. Issued 12-8-25. (28)
- 1,564,660; All. Deutsche Telephonwerke GmbH. High frequency cable telegraphy. Issued 12-8-25. (28)
- 1,564,669; Hagemann Bernhard. Licker in device for carding engines. Issued 12-8-25. (28)
- 1,564,677; John Alfred. Loom. Issued 12-8-25. (28)
- 1,564,678; John Alfred. Loom. Issued 12-8-25. (28)
- 1,564,679; Johne Otto. Inking apparatus for platen presses. Issued 12-8-25. (28)
- 1,564,690; Kruh Oslas et al.; Wolf Ernst. Seal for leading in wires. Issued 12-8-25. (6)
- 1,564,722; All. Apparatebau Freiburg GmbH. Apparatus for inspecting film bands. Issued 12-8-25. (28)
- 1,564,835; Dräger Alexander Bernhard. Self contained lung power breathing device. Issued 12-8-25. (28)
- 1,564,842; Fornaca Guido. Superfeed system for internal combustion engines. Issued 12-8-25. (38)
- 1,564,854; All. Maschinenfabrik Augsburg Nurnberg Ag. Closure for dry gasometers. Issued 12-8-25. (28)
- 1,564,907; All. Chemische Werke Vormals Auergesellschaft. Process for producing enamels and glazes. Issued 12-8-25. (28)
- 1,565,051; All. Polte Firm. Device for operating gate valves. Issued 12-8-25. (28)
- 1,565,087; Galle Hugo Dec. Traveling or chain grate stoker. Issued 12-8-25. (28)
- 1,565,124; Vagedes Wilhelm. Protecting cover for bank notes, bonds and the like. Issued 12-8-25. (28)
- 1,565,205; Rudolph Paul. Photographic objective. Issued 12-8-25. (28)
- 1,565,209; Schwarzenhauer Waldemar. Electric toy cooking stove. Issued 12-8-25. (28)
- 1,565,231; All. Rumpfer Edmund. Absorption refrigerating machine. Issued 12-8-25. (28)
- 1,565,276; Hoppner Georg. Machine for shaping leather leggings. Issued 12-15-25. (28)
- 1,565,340; Treiber Oskar. Manufacturing scissors and the like. Issued 12-15-25. (28)
- 1,565,345; All. Goldschmidt A. G. Th. Process of producing methyl alcohol and methylene chloride from methane. Issued 12-15-25. (28)
- 1,565,353; Estelle Axel Teodor Konstantin. Treatment of iron sulphide ores containing other metals. Issued 12-15-25. (28)
- 1,565,382; McClatchie Stanley. Vacuum cleaner device. Issued 12-15-25. (28)
- 1,565,635; All. Hesser firm Fr Maschinenfabrik A. G. Method and machine for making paper tubes. Issued 12-15-25. (28)
- 1,565,812; All. Chemische Fabrik Kalk GmbH. Process for the vulcanization of caoutchouc. Issued 12-15-25. (28)
- 1,565,815; Renck Heinrich. Production of celluloid printing plates for use in the Bichromate printing process. Issued 12-15-25. (28)
- 1,565,964; All. Glesserei Union. Piston valve. Issued 12-15-25. (28)
- 1,566,128; Ritter Paul A., Takata Kamakichi, et al. Internal combustion engine for kerosene and crude oil. Issued 12-15-25. (39)
- 1,566,142; All. Scheduling Eugene. Feeding and delivering mechanism for platen presses. Issued 12-15-25. (28)
- 1,566,188; All. Bohn & Herber Maschinenfabrik Und. High speed cylinder printing press. Issued 12-15-25. (28)
- 1,566,189; All. Bohn & Herber Maschinenfabrik Und. Inking mechanism of printing presses. Issued 12-15-25. (28)
- 1,566,190; All. Bohn & Herber Maschinenfabrik Und. Pneumatic buffer. Issued 12-15-25. (28)
- 1,566,215; Kaufmann Albert. Casting machine. Issued 12-15-25. (28)
- 1,566,240; Walter Wilhelm. Protective casing for reserve spark plugs. Issued 12-15-25. (28)
- 1,566,244; Barducci Pilade. Drying plant. Issued 12-15-25. (38)
- 1,566,424; Poleschensky Raimund. Machine for sowing seeds. Issued 12-22-25. (28)
- 1,566,456; Weck Erwin Alexander. Mechanical stoker. Issued 12-22-25. (28)
- 1,566,496; Maus Karl. Desiccating and compressing pulpy material, particularly peat. Issued 12-22-25. (28)
- 1,566,565; All. Felten and Guilleaume Carlswerk A. G. Method of equalizing pairs of self induction coils. Issued 12-22-25. (28)
- 1,566,718; Wolf Friedrich. Safety device for blast furnace gas pipes. Issued 12-22-25. (28)
- 1,566,757; Maraviglia Arturo. Safety razor. Issued 12-22-25. (38)
- 1,566,813; Blauhorn Emanuel, Hajek Otto, et al. Variable stroke fluid pump. Issued 12-22-25. (6)
- 1,566,872; Ishizaka Sansaku. Water turbine generator. Issued 12-22-25. (39)
- 1,566,961; Hamann Christel. Automatic calculating machine. Issued 12-22-25. (28)
- 1,566,962; All. Mercedes Buromaschinen Und. Calculating machine. Issued 12-22-25. (28)
- 1,567,073; Mocigemba Emanuel. Screw pump. Issued 12-29-25. (28)
- 1,567,086; All. Spield Chain Co. Chain. Issued 12-29-25. (28)
- 1,567,230; Bothe Otto. Device for electrically reproducing sounds. Issued 12-29-25. (28)

- 1,567,299; Richter Theodor. Frame. Issued 12-29-25. (28)
- 1,567,334; Schieferstein Heinrich. Mowing machine. Issued 12-29-25. (28)
- 1,567,349; Weber Heinrich. Water cock. Issued 12-29-25. (28)
- 1,567,488; All. Gelsenkirchener Bergwerks A G. Centrifugal casting machine. Issued 12-29-25. (28)
- 1,567,531; Magni Piero. Variable fluid dynamic wings such as for aeroplanes. Issued 12-29-25. (38)
- 1,567,545; Schmitt Otto Schmitt Nikolaus et al. Electric mine fuse. Issued 12-29-25. (28)
- 1,567,556; All. B G Textilwerke GmbH. Balloon envelope material and process of manufacturing the same. Issued 12-29-25. (28)
- 1,567,564; Bergmann Jean. Calculating device. Issued 12-29-25. (28)
- 1,567,578; All. Luftschiffbau Zeppelin GmbH. Gas discharge from airships. Issued 12-29-25. (28)
- 1,567,593; Hirsch Eugen. Support for type-writing machine. Issued 12-29-25. (28)
- 1,567,604; Kirchhoff Richard. Rectum tube. Issued 12-29-25. (28)
- 1,567,644; Hell Johannes. Tanning of skins and hides. Issued 12-29-25. (28)
- 1,567,645; Hofmann Friedrich. Apparatus for leveling soles of shoes. Issued 12-29-25. (28)
- 1,567,654; All. Staatliche Porzeilan Manufaktur. Porcelain crucible. Issued 12-29-25. (28)
- 1,567,663; Marzola Ivo et al; Marpillero Paolo et al; Lorenzetti Lorenzo. Construction material and process for manufacturing same. Issued 12-29-25. (38)
- 1,567,668; Mosebach Gustav. Process for recovering the lye from disintegrated celluloses. Issued 12-29-25. (28)
- 1,567,700; Bongiovanni Luca. Forced feed system for internal combustion engines driving screw propellers. Issued 12-29-25. (38)
- 1,567,704; Bruggemann Franz. Electric power transmission gear. Issued 12-29-25. (28)
- 1,567,739; All. Benz Anton. Apparatus for making artificial hartshorn scales for pocketknives. Issued 12-29-25. (28)
- 1,567,746; Michetti Alessandro. Device adapted to maintain for a predetermined period of time a continuously moving band film or the like opposite a stationary body. Issued 12-29-25. (38)
- 1,567,755; All. Rhenania Verein Chemischer Fabriken. Process for obtaining alkali metal thiosulphate from solutions containing alkali metal sulphide. Issued 12-29-25. (28)
- 1,567,777; Wampach Joseph John. Mud guard for motor vehicles. Issued 12-29-25. (28)
- 1,567,795; Fornaca Guido. Motor controlling system. Issued 12-29-25. (38)
- 1,567,847; Kato Junshichi. Injection for hemorrhoids. Issued 12-29-25. (39)
- 1,567,868; All. Drager Dr Ing H C Alexander Bernhard. Apparatus for administering anaesthetic gases. Issued 12-29-25. (28)
- 1,567,893; Baratta Fausto. Safety magazine for explosives and ammunitions. Issued 12-29-25. (38)
- 1,567,940; All. Farbwerke Vorm Meister Lucius. Apparatus for measuring streams. Issued 12-29-25. (28)
- 1,567,959; Krauss Friedrich Emil. Fire extinguisher. Issued 12-29-25. (28)
- 1,567,983; Preller Heinrich. Apparatus for separating and extracting mineral oils from oily sand bitumen from oily chalk oily slate coal etc. Issued 12-29-25. (28)
- 1,567,993; Gerstenberger Albin. Rifle with pistol breech mechanism. Issued 12-29-25. (28)
- 1,567,994; Feser Fritz. Sterilizing apparatus for domestic use. Issued 12-29-25. (28)
- 1,569,023; Koch Fritz et al; Pohlmann Richard. Saw setting machine. Issued 11-12-26. (28)
- 1,569,027; Piccioni Igino. Method and apparatus for the accurate reproduction of paintings drawings or prints of all kinds with colored elements of any description. Issued 11-12-26. (38)
- 1,569,048; Stock Friedrich Johann Jacob. Apparatus for regenerating cinematographic films. Issued 11-12-26. (28)
- 1,569,111; All. Bensa Felice. Process for manufacturing a perylene vat dye. Issued 11-12-26. (38)
- 1,569,481; All. Deutsche Telephonwerke GmbH. High frequency generating system. Issued 1-12-26. (28)
- 1,569,533; Bilgery Constantin et al; Reutlinger Alexander. Wooden tool handle. Issued 1-12-26. (28)
- 1,569,545; Junghans Oskar. Mechanical time fuse. Issued 1-12-26. (28)
- 1,569,546; All. A E G Deutsche Werke A G. Typewriter. Issued 1-12-26. (28)
- 1,569,549; All. Blechspiel Warenfabrik Johann Distler. Aerial navigation toy. Issued 1-12-26. (28)
- 1,569,562; Moog Willy. Apparatus and process for the production of colored designs on leather. Issued 1-12-26. (28)
- 1,569,563; Muier Heinrich. Eye for plush toy figures. Issued 1-12-26. (28)
- 1,569,567; All. Koppers Heinrich. Burner for gas furnaces. Issued 1-12-26. (28)
- 1,569,569; Pels Henry. Metal cutting machine. Issued 1-12-26. (28)
- 1,569,578; Rohm Otto. Manufacture of tanning substances. Issued 1-12-26. (28)
- 1,569,656; Kehse Walter. Winding apparatus for the manufacture of insulating tubes consisting of paper and resin. Issued 1-12-26. (28)
- 1,569,789; Schufftan Eugen. Making moving pictures. Issued 1-12-26. (28)
- 1,569,797; All. Optische Anstalt C P Goerz A G. Temperature controlling system for railway cars. Issued 1-12-26. (28)
- 1,570,664; Amos Hermann. Artificial stone abrasive wheel. Issued 1-26-26. (28)
- 1,570,733; Eschbach Wilhelm. Electric time fuse for blasting cartridges. Issued 1-26-26. (28)
- 1,570,765; All. Thaleswerk M B H. Calculating machine provided with two counters. Issued 1-26-26. (28)
- 1,570,826; Dorneth Julius. Matrix setting and type bar casting machine. Issued 1-26-26. (28)
- 1,570,843; All. Kanegafuchi Boseki Kabushiki Kwaisha. Apparatus for drying live coconuts and the like. Issued 1-26-26. (39)
- 1,570,914; Muier Friedrich. Starting mechanism for internal combustion engines. Issued 1-26-26. (6)
- 1,570,915; Nose Toichi. Device for constructing culverts of concrete. Issued 1-26-26. (39)
- 1,570,969; Mayer Fredrich. Method of manufacturing coating for permanent metal molds. Issued 1-26-26. (28)
- 1,570,984; All. Selas A G. Gas mixer. Issued 1-26-26. (28)
- 1,570,990; All. Poite Firm. Steam cut off valve. Issued 1-26-26. (28)
- 1,571,056; Krenzler Gustav. Coupling for single thread lace braiding machines. Issued 1-26-26. (28)
- 1,571,058; Lengersdorff Nicola. Kiln and like structure and heat treatment. Issued 1-26-26. (28)
- 1,571,066; All. Optische Anstalt C P Goerz A G. Refractometer. Issued 1-26-26. (28)
- 1,571,075; Uthhoff Eduard. Type line setting and casting machine. Issued 1-26-26. (28)
- 1,571,177; Auspitzer Alfred Johann. Device for the adjustment of the side angle of sighting instruments. Issued 2-2-26. (28)
- 1,571,226; Barducci Pilade. Drying plant. Issued 2-2-26. (38)
- 1,571,227; Barducci Pilade. Drying plant. Issued 2-2-26. (38)
- 1,571,228; Barducci Pilade. Drying plant. Issued 2-2-26. (38)
- 1,571,238; Dornier Claudius. Wooden girder. Issued 2-2-26. (28)
- 1,571,294; All. O M I M Officina Meccanica Industria. Stop mechanism for knitting machines. Issued 2-2-26. (38)
- 1,571,325; Donner Carl Richard. Bunghole seat of metal. Issued 2-2-26. (28)
- 1,571,389; All. Krupp Fried A G Germania-werft. Fuel injecting device for internal combustion engines. Issued 2-2-26. (28)
- 1,571,391; All. Krupp Fried A G. Sighting device for guns. Issued 2-2-26. (28)
- 1,571,410; Hendier Oscar. Holder for cigarettes and cigars. Issued 2-2-26. (6)
- 1,571,418; All. Felner & Ziegler Firm. Coal dust and air supply in Siemens Martin and like furnaces. Issued 2-2-26. (28)
- 1,571,517; Fornaca Guido. Hydraulic brake system. Issued 2-2-26. (38)
- 1,571,520; All. Bleichert Adolf & Co. Aerial ropeway. Issued 2-2-26. (28)
- 1,571,833; All. Ansaldo San Giorgio S A. Submarine. Issued 2-2-26. (38)
- 1,571,986; All. Stinnes Zeche Mathias. Process for the purification of crude ammoniacal liquors. Issued 2-9-26. (28)
- 1,572,005; Grantzow Emil. Sharpening machine for pencils and other styles. Issued 2-9-26. (28)
- 1,572,044; Schwarz Leo. Rotating printing machine. Issued 2-9-26. (28)
- 1,572,272; All. Farbenfabriken Vorm Friedr Bayer. Automatic means for letting off steam from a container having in it a boiling liquid. Issued 2-9-26. (28)
- 1,572,336; Vogt Erich et al; Kirchof Ludwig. Smelting or heating furnace with firing of coal dust. Issued 2-9-26. (28)
- 1,572,521; Fehler Otto. Electric incandescent lamp for advertising purposes. Issued 2-9-26. (28)
- 1,572,567; Skorka Michael. Roller skate. Issued 2-9-26. (34)
- 1,572,698; All. Badische Anilin & Soda Fabrik. Manufacture and production of alkyl esters. Issued 2-9-26. (28)
- 1,572,710; All. Bohn & Herber Maschinenfabrik. Gripper mechanism of printing presses. Issued 2-9-26. (28)
- 1,572,804; All. Aios apparatebau GmbH. Starter for electric motors. Issued 2-9-26. (28)
- 1,572,888; Danhardt Emil. Apparatus for separating solid substances from gases and vapors more especially blast furnace gases. Issued 2-16-26. (28)
- 1,572,976; Von Hoiningen Huene Franz Freiherr. Construction of sailing craft. Issued 2-16-26. (28)
- 1,572,984; All. Poite Firm. Gate valve. Issued 2-16-26. (28)
- 1,572,985; All. Poite Firm. Steam cut off valve or stop valve. Issued 2-16-26. (28)
- 1,573,006; Lampl Rosi. Polychromatic security print. Issued 2-16-26. (28)
- 1,573,009; Muier Otto. Molding machine. Issued 2-16-26. (28)
- 1,573,017; Podszus Emil. Process of obtaining powders of great fineness. Issued 2-16-26. (28)
- 1,573,138; Brase Wilhelm. Sewing machine. Issued 2-16-26. (28)
- 1,573,139; Brase Wilhelm. Sewing machine. Issued 2-16-26. (28)
- 1,573,251; Knoll Willy. Process of ornamenting leather. Issued 2-16-26. (28)
- 1,573,252; Knoll Willy. Process for producing shading off ornamentation on leather. Issued 2-16-26. (28)
- 1,573,253; Kujawa Lorenz et al; Kook Otto. Regulator for air or gas currents. Issued 2-16-26. (28)



- 1,573,335; Torda Lajos. Arrangement for the compensating windings of commutator motors with salient poles. Issued 2-16-26. (34)
- 1,573,370; Blumner Erwin. Method and apparatus for continuous distillation of tars and oils. Issued 2-16-26. (28)
- 1,573,518; Kaufmann Aibert. Casting machine. Issued 2-16-26. (28)
- 1,573,526; All. Gruhler Walter. Faucet or tap for water pipes etc. Issued 2-16-26. (28)
- 1,573,571; Pohl Ernst. Table for X-ray trans-radiation. Issued 2-16-26. (28)
- 1,573,615; Koerner Ewald. Drying apparatus for tobacco and the like. Issued 2-16-26. (28)
- 1,573,616; Koerner Ewald. Cigarette making machine. Issued 2-16-26. (28)
- 1,573,625; Birkenhauer Carl. Single thread lace braiding machine. Issued 2-16-26. (28)
- 1,573,719; All. Klinger Rich GmbH. Water level indicator. Issued 2-16-26. (6)
- 1,573,751; All. Mercedes Buro Baschinen und. Power operated typewriter. Issued 2-16-26. (28)
- 1,573,752; Seligmann Arthur. Method for low temperature cooling liquefaction and separation of not easily condensable gases. Issued 2-16-26. (28)
- 1,573,772; McClathie Stanley. Vacuum cleaner. Issued 2-16-26. (28)
- 1,573,825; Grunfeld Alfred. Apparatus for viewing cinematographic film bands. Issued 2-23-26. (6)
- 1,573,872; Schwartz Alfred. Portable heating device. Issued 2-23-26. (28)
- 1,573,940; Tetetlani Armin. Hand press. Issued 2-23-26. (34)
- 1,574,116; All. Bensa Felice. Process for manufacturing improved vat dyes. Issued 2-23-26. (38)
- 1,574,119; Seligmann Arthur. Method for the liquefaction and separation of gases with the aid of external work. Issued 2-23-26. (28)
- 1,574,163; All. Gerasch Emil GmbH. Method and apparatus for the production of prints. Issued 2-23-26. (28)
- 1,574,173; All. Berlin Karlsruher Industrie Werke A G. Free wheel hub. Issued 2-23-26. (28)
- 1,574,236; Duffing Georg. Apparatus for lubricating the axle bearings of vehicles and the like. Issued 2-23-26. (28)
- 1,574,237; Edler Hans. Apparatus for the electrical purification of gases. Issued 2-23-26. (28)
- 1,574,242; All. Weser A G. Electric driving installation. Issued 2-23-26. (28)
- 1,574,256; Gallezio Piuma Michele Lorenzo. Method for the filling of honey combs with sweet liquid for the nourishment of bees. Issued 2-23-26. (28)
- 1,574,408; Oreggia Vittorio. Smoke pump. Issued 2-23-26. (38)
- 1,574,584; Lindner Wilhelm. Filler. Issued 2-23-26. (28)
- 1,574,701; Schmeisser Hans. Small arm with tubular cartridge magazine. Issued 2-23-26. (28)
- 1,574,786; All. Deckel Friedrich Fabrik Fur. Speed changing cam driving mechanism. Issued 3-2-26. (28)
- 1,574,875; All. Koepf Rudolph Co Chemische Fabrik. Manufacture of sodium formate from carbon monoxide. Issued 3-2-26. (28)
- 1,574,902; Kowarski Gregor. Method for the manufacturing of wheels. Issued 3-2-26. (28)
- 1,575,049; All. Ozon Industrie A G. Method of cooling the electrodes in ozonizers. Issued 3-2-26. (28)
- 1,575,052; Hesse Leopold et al; Rathert Hermann. Process of manufacturing thin threads of artificial silk of highest degree of fineness from viscose. Issued 3-2-26. (28)
- 1,575,167; Kawakami Kaneshi. Process for manufacturing a lead accumulator. Issued 3-2-26. (39)
- 1,575,210; Kampf Adolf. Process for the manufacture of fibers tape etc from viscose. Issued 3-2-26. (28)
- 1,575,305; All. Fratelli Schwarzenbach & Co. Loom for weaving fine fabrics. Issued 3-2-26. (38)
- 1,575,464; Tamura Izo. Air tight cap for vessels. Issued 3-2-26. (39)
- 1,575,526; Bocher Karl. Method of and apparatus for cleaning and conserving hoist cables. Issued 3-2-26. (28)
- 1,575,627; All. Farbenfabriken Vorm Friedr. Electrode for use in the electrolytic evolution of gases. Issued 3-9-26. (28)
- 1,575,636; Meyer Heinrich. Miner's safety lamp. Issued 3-9-26. (28)
- 1,575,703; All. Chemische Produktion GmbH. Process for the manufacture of a highly active decolorizing charcoal. Issued 3-9-26. (28)
- 1,575,717; Plauson Hermann. Process and apparatus for disintegrating dry powders. Issued 3-9-26. (28)
- 1,575,889; Zuilani Pietro. Instrument for drawing ellipses. Issued 3-9-26. (38)
- 1,575,926; All. Metallogen GmbH. Plating device. Issued 3-9-26. (28)
- 1,575,936; Raabe Walter. Multichamber apparatus for conducting leaching washing or like operations on solid or semisolid material. Issued 3-9-26. (28)
- 1,575,995; Leinweber Adolf. Casting mold. Issued 3-9-26. (28)
- 1,576,172; All. Vogtlandische Maschinenfabrik Vormals; J C and H Dietrich A G. Shuttle box selecting mechanism for shuttle boxes with more than two compartments. Issued 3-9-26. (28)
- 1,576,240; Ligniez Kurt. Automatic inlet valve mechanism for reciprocating engines. Issued 3-9-26. (28)
- 1,576,378; Thies Bernhard Karl. Dyeing apparatus. Issued 3-9-26. (28)
- 1,576,408; Cajar Hermann. Process for the manufacture of printing colors or ink. Issued 3-9-26. (6)
- 1,576,525; Mayer Friedrich. Agitating and bating machine. Issued 3-16-26. (28)
- 1,576,533; Mikeletis Kurt. Moistener for postage stamps envelopes and the like. Issued 3-16-26. (28)
- 1,576,560; Teichmann Albert. Safety device for elevators conveyors and like apparatus. Issued 3-16-26. (28)
- 1,576,729; All. Oel tanks GmbH. Illuminating gas blowpipe. Issued 3-16-26. (28)
- 1,576,794; Sasse Wilhelm. Drilling tool. Issued 3-16-26. (28)
- 1,576,817; Fornaca Guido. Cooling arrangement for the valves of internal combustion engines. Issued 3-16-26. (38)
- 1,576,906; Greve Paul. Twine polishing and drying machine. Issued 3-16-26. (28)
- 1,576,916; All. Kohlenveredlung GmbH. Oven for the distillation of solid material. Issued 3-16-26. (28)
- 1,576,970; All. Zellstofffabrik Waldhof. Method of and system for regenerating sulphurous acid and waste heat from sulphite cellulose boilers. Issued 3-16-26. (28)
- 1,576,977; Junkers Hugo. Flying machine. Issued 3-16-26. (28)
- 1,577,097; Barthel Hermann. Machine for grinding rollers. Issued 3-16-26. (28)
- 1,577,105; Cattaneo Giustino. Fluid brake operator. Issued 3-16-26. (38)
- 1,577,118; Fioruzzi Vittorio. Cocoon unwinding device. Issued 3-16-26. (38)
- 1,577,167; Blume Emile. Exhaust pipe nozzle for locomotives. Issued 3-16-26. (28)
- 1,577,325; Lehmann Erich. Method of compensating differences of densities in cinematographic prints. Issued 3-16-26. (28)
- 1,577,347; Neumann Carl Franz. Grasping device for loading or piling bricks or the like. Issued 3-16-26. (28)
- 1,577,438; Andrioli Vittorio. Steam generator. Issued 3-23-26. (38)
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- 1,578,009; Burgers Franz. Process of treating and refining crude iron. Issued 3-23-26. (28)
- 1,578,073; Caproni Gianni et al; Nobile Umberto; Verduzio Rodolfo. Structure and composition of the fuselages and parts depending thereon for aeroplanes. Issued 3-23-26. (38)
- 1,578,112; Ernst Wilhelm Eberhard. Device for regulating temperatures. Issued 3-23-26. (28)
- 1,578,167; Nagele Hermann et al; Nagele Hermann. Animal intestine cleaner. Issued 3-23-26. (28)
- 1,578,278; All. Tafer Edgar and Co. Spring suspension arrangement more particularly for power driven vehicles. Issued 3-30-26. (6)
- 1,578,286; Harmatta Johann. Producing pipes by electrically welding. Issued 3-30-26. (34)
- 1,578,311; Grosset Paul. Screw joint. Issued 3-30-26. (28)
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- 1,578,647; De Meo Giovanni. Propelling system for ships. Issued 3-30-26. (38)
- 1,578,923; Schlotter Georg Arthur. Turbine. Issued 3-30-26. (28)
- 1,578,970; Feser Fritz. Means for preventing bagging at the knees of mens trousers. Issued 3-30-26. (28)
- 1,579,036; Schwabe Ludwig. Coating of webs of pasteboard fabric or the like. Issued 3-30-26. (28)
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- 1,579,118; Kleinmann Ernst. Electrode end cap. Issued 3-30-26. (28)
- 1,579,138; All. Elektrizitats AG Vormals Schuckert. Electrolytic cell. Issued 3-30-26. (28)
- 1,579,151; All. Mercedes Buro Maschinen und Waffen. Typewriting machine with power drive. Issued 3-30-26. (28)
- 1,579,162; All. Ozonhochfrequenz GmbH. Process for producing ozone. Issued 3-30-26. (28)
- 1,579,336; All. Conradty C. Collector for electric cars. Issued 4-6-26. (28)
- 1,579,337; All. Conradty C. Collector. Issued 4-6-26. (28)
- 1,579,351; All. Benz and Cie Rheinische Automobil U. Internal combustion engine. Issued 4-6-26. (28)

- 1,579,742; Von Frommer Rudolf. Automatic firearm. Issued 4-6-26. (34)
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- 1,579,910; Bauer Johann Josef. Method of and apparatus for combination printing with printing rollers. Issued 4-6-26. (34)
- 1,579,919; Drager Alexander Bernhard. Self contained breathing apparatus for use in noxious gases. Issued 4-6-26. (28)
- 1,579,940; Iversen Jacob. Apparatus for automatically regulating fluid pressures. Issued 4-6-26. (28)
- 1,579,957; All. Badische Anilin and Soda Fabrik. Treating tar water. Issued 4-6-26. (28)
- 1,579,989; All. Badische Anilin and Soda Fabrik. Making a calcium nitrate fertilizer. Issued 4-6-26. (28)
- 1,579,998; All. Ganz and Co Danubius Machine. Roller mill. Issued 4-6-26. (34)
- 1,580,035; Gusmer Hermann. Covering for railway track crossings. Issued 4-6-26. (28)
- 1,580,058; Linker Oskar. Method for the transformation of crude peat into a coal-like substance. Issued 4-6-26. (28)
- 1,580,080; Vogt Erich et al; Kirchhof Ludwig. Furnace fired with coal dust and like pulverulent fuel. Issued 4-6-26. (28)
- 1,580,196; Gubin Richard. Method and apparatus for manufacturing imitation metallic and coloring foil films. Issued 4-13-26. (6)
- 1,580,330; Rezsny Koloman. Furnace grate. Issued 4-13-26. (34)
- 1,580,386; Slio Hitosi. Apparatus for utilization of excessive power at electric sources. Issued 4-13-26. (39)
- 1,580,504; Mario Lave. Variable radiator. Issued 4-13-26. (38)
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- 1,580,537; All. Dubelwerke GmbH. Reinforced railroad cross-tie. Issued 4-13-26. (28)
- 1,580,572; Rathsburg Hans. Manufacture of detonating compositions. Issued 4-13-26. (28)
- 1,580,576; Weidner Edmund. Perfumed soap cake. Issued 4-13-26. (28)
- 1,580,577; Baumann Ernst Karl Alexander. Aeroplane. Issued 4-13-26. (28)
- 1,580,592; Eichholz Wilhelm, et al; Dalmer Otto. Injectable homogeneous oily preparation of bismuth and manufacture of the same. Issued 4-13-26. (28)
- 1,580,610; Keller August. Pulverizer mill. Issued 4-13-26. (28)
- 1,580,669; Nagel Carl. Automatic weighing apparatus. Issued 4-13-26. (28)
- 1,580,674; Pamperel Ernst. Term controlling apparatus for establishments for indicating the degree of occupation and the progress of work. Issued 4-13-26. (6)
- 1,580,804; All. Reiniger Gibbert & Seball A G. X-ray system. Issued 4-13-26. (28)
- 1,581,169; All. Gelsenkirchener Bergwerks A G. Metal casting machine. Issued 4-20-26. (28)
- 1,581,217; All. Soc Italiana Registratori Sir. Printing device for cash registering machines. Issued 4-20-26. (38)
- 1,581,245; Suzuki Tomonori. Machine for cleaning rice and the like. Issued 4-20-26. (39)
- 1,581,254; Walker Rudolf. Internal combustion engine. Issued 4-20-26. (6)
- 1,581,297; Schmuck Nicolai Heinrich. Mouse-trap. Issued 4-20-26. (28)
- 1,581,329; Schutz Wilhelm. Masonry coat holder for mortar and the like. Issued 4-20-26. (28)
- 1,581,358; All. Magirus C D A G. Vehicular fire escape. Issued 4-20-26. (28)
- 1,581,511; All. Zellstofffabrik Waldhof. Method of utilizing waste heat from gas.
- 1,581,522; Stehmann Harry. Device for burning cement magnesite lime etc. Issued 4-20-26. (28)
- 1,581,549; Schmidt Georg Karl Wilhelm. Brush. Issued 4-20-26. (28)
- 1,581,564; Dornier Claude. Twin motor flying machine. Issued 4-20-26. (28)
- 1,581,565; Dornier Claudius. Wing of flying machines. Issued 4-20-26. (28)
- 1,581,601; Speck Paul. Sanitary closet pan. Issued 4-20-26. (28)
- 1,581,632; De Fries Alfred. Hot nut press. Issued 4-20-26. (28)
- 1,581,697; Stockemann Ernst. Device for producing a constant cutting speed of lathes and other machine tools. Issued 4-20-26. (28)
- 1,581,725; Egersdorfer Fritz. Apparatus for atomizing liquid fuel. Issued 4-20-26. (28)
- 1,581,869; Reinhold Georg. Traveler ring for spinning and twisting machines. Issued 4-20-26. (28)
- 1,581,944; Hausmeister Paul. Production of compressed gases by electrolysis. Issued 4-20-26. (28)
- 1,581,945; All. Pfister and Langhauss A G. Hydraulic ram. Issued 4-20-26. (28)
- 1,582,036; Grunewald Heinrich. Annealing furnace. Issued 4-27-26. (28)
- 1,582,056; All. Kulas Carl. Process for the manufacture of resinous products of condensation from phenol and formaldehyde. Issued 4-27-26. (28)
- 1,582,097; All. Schmidt Sche Heissdampf GmbH. Water tube boiler. Issued 4-27-26. (28)
- 1,582,222; Planer Victor. Device for measuring values of resistance of cables and conductors. Issued 4-27-26. (28)
- 1,582,264; Grisbojedoff Nicolai. Air compressor. Issued 4-27-26. (28)
- 1,582,311; Schull Leopold. Pinching clutch for eccentric presses and shears. Issued 4-27-26. (6)
- 1,582,341; Miniotti Giovanni. Ball transmitting apparatus. Issued 4-27-26. (38)
- 1,582,361; Welsch Karl Hermann Paul. Bearing for the blades of wind or water wheels. Issued 4-27-26. (28)
- 1,582,391; Flettner Anton. Governing of surfaces moving within a nonrigid medium. Issued 4-27-26. (28)
- 1,582,398; Hausmeister Paul. Safety device for gas filled spaces. Issued 4-27-26. (28)
- 1,582,410; Lentz Hugo. Twin compound marine steam engine. Issued 4-27-26. (6)
- 1,582,423; All. Zaidan Hojin Rikagaku Kenkyujo. Process of electrodepositing iron from iron containing minerals. Issued 4-27-26. (39)
- 1,582,428; Pavesi Ugo. Vehicle wheel and traction device therefor. Issued 4-27-26. (38)
- 1,582,431; All. Bing Werke Vorm Gebr Bing A G. Key mechanism for typewriting machines. Issued 4-27-26. (28)
- 1,582,495; Walter Otto. Manufacture and treatment of leather. Issued 4-27-26. (28)
- 1,582,614; Kusunoki Shusaku et al; Yamamoto Seiji. Pneumatic hammer. Issued 4-27-26. (39)
- 1,582,650; All. Kohlenveredlung GmbH. Distilling oven. Issued 4-27-26. (28)
- 1,582,668; Dreifuss Max. Method of coating vessels. Issued 4-27-26. (28)
- 1,582,785; Ratti Giuseppe. Goggles. Issued 4-27-26. (38)
- 1,582,788; All. Mercedes Buro Maschinen Und Waffen. Typewriting machine with power drive. Issued 4-27-26. (28)
- 1,582,792; Schultz Franz. Diesel engine. Issued 4-27-26. (28)
- 1,582,824; All. Goshi Kaisha Sankosha. Projecting apparatus. Issued 4-27-26. (39)
- 1,582,849; Mensing Karl. Quartz lamp. Issued 4-27-26. (28)
- 1,582,851; All. Badische Anilin & Soda Fabrik. Effecting catalytic reactions particularly in catalytically producing hydrocyanic acid. Issued 4-27-26. (28)
- 1,583,056; All. Fesca C A Firm Sohn. Permanently acting centrifugal machine. Issued 5-4-26. (28)
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- 1,583,420; Picard Hugo. Irradiating chamber for therapeutical uses. Issued 5-4-26. (28)
- 1,583,494; Sacco Andrea Pasquale. Vacuum tank. Issued 5-4-26. (38)
- 1,583,514; All. Dimler Mororen Ges. Typewriting machine. Issued 5-4-26. (28)
- 1,583,739; Padelt Hermann Traugott. Channel oven for ceramic and chemical purposes. Issued 5-4-26. (28)
- 1,583,876; All. Signal GmbH. Submarine sound signaling apparatus. Issued 5-11-26. (28)
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- 1,583,900; Schmittutz Carl. Hollow needle for vaccinating timber and the like. Issued 5-11-26. (28)
- 1,583,950; All. Nippon Yusen Co Ltd. Quadrant. Issued 5-11-26. (39)
- 1,583,997; All. Deghenghi Milan. Transfer process. Issued 5-11-26. (6)
- 1,584,034; Klotz Alfred. Pneumatic insertion for shoes. Issued 5-11-26. (28)
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- 1,584,129; All. Chemische Produkte Vormals H. Process for the manufacture of colloidal substances in the form of small balls or grains. Issued 5-11-26. (28)
- 1,584,149; Shimadzu Genzo. Method of manufacturing metal powder. Issued 5-11-26. (39)
- 1,584,150; Shimadzu Genzo. Process of manufacturing powder of lead suboxide intermingled with powder of metallic lead. Issued 5-11-26. (39)
- 1,584,151; Shimadzu Genzo. Process of manufacturing lead oxide. Issued 5-11-26. (39)
- 1,584,152; Shimadzu Genzo. Paint. Issued 5-11-26. (39)
- 1,584,160; Zimmerman Wilhelm. Pit sinking. Issued 5-11-26. (28)
- 1,584,317; Mechau Emil. Motion picture apparatus. Issued 5-11-26. (28)
- 1,584,449; Grutzner Arthur. Device for adjusting the stroke of feed pumps for lubricator pumps. Issued 5-11-26. (28)
- 1,584,485; All. Telegraphie GmbH System Stille. Cabinet talking machine. Issued 5-11-26. (28)
- 1,584,499; Zachhuber Franz. Method of and means for rendering metal bands supple. Issued 5-11-26. (28)
- 1,584,661; All. Jenaer Glaswerk Schott and Gen Device for fusing glass extensions onto glass vessels. Issued 5-11-26. (28)
- 1,585,065; Wilsing Paul. Electric winch. Issued 5-18-26. (28)
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- 1,585,180; Arato Achille. Traller. Issued 5-18-26. (38)
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- 1,585,287; All. Deutsche Zundholzfabriken A G. Method of manufacturing magic candles. Issued 5-18-26. (28)
- 1,585,316; Plauln Rudolf. Process for production of lead acetate. Issued 5-18-26. (28)



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- 1,585,420; Scharfenberg Karl. Railway car coupling. Issued 5-18-26. (28)
- 1,585,484; Gasser Max. Process and apparatus for the production of aerogeodetical stereo photographs. Issued 5-18-26. (28)
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- 1,585,558; Muller Heinrich. Toy figure covered with fabric. Issued 5-18-26. (28)
- 1,585,591; Lowy Heinrich. Means for electric proof and measuring of the distance of electrically conductive bodies. Issued 5-18-26. (6)
- 1,585,667; Haas Hermann. Cloth shearing machine. Issued 5-25-26. (28)
- 1,585,753; Arato Achille. Steering gear for four wheel trailed vehicles. Issued 5-25-26. (28)
- 1,585,761; Canale Gian Battista. Funnel for measuring drawing and pouring liquids. Issued 5-25-26. (38)
- 1,585,792; Schlumberger Ernst. Compound having bactericidal and fungicidal properties and process for making the same. Issued 5-25-26. (28)
- 1,585,795; Speter Max. Electrotherapeutic apparatus. Issued 5-25-26. (28)
- 1,585,800; Thedinga Eddo. Electric joint. Issued 5-25-26. (28)
- 1,585,911; Heublein Wilhelm Oscar. Ampulla consisting of several parts. Issued 5-25-26. (28)
- 1,585,912; Heublein Wilhelm Oskar. Ampulla with separated compartments for liquids to be injected. Issued 5-25-26. (28)
- 1,586,004; Regelein Wilhelm et al; Glaubitz Arthur. Oscillation meter. Issued 5-25-26. (28)
- 1,586,048; Schmeisser Hans. Firing mechanism for machine pistols. Issued 5-25-26. (28)
- 1,586,098; Mandler Eugen et al; Mandler Otto. Adjustable manuscript holder. Issued 5-25-26. (6)
- 1,586,106; All. Chemische Produktion GmbH. Process for making a highly active charcoal in grains. Issued 5-25-26. (28)
- 1,586,115; All. Chemische Fabrik Griesheim Elektron. Production of phosphorus products. Issued 5-25-26. (28)
- 1,586,116; All. Boehringer C H Sohn. Process for the production of glucosides of digitalis. Issued 5-25-26. (28)
- 1,586,129; All. Boehringer C H Sohn. Gelatine food. Issued 5-25-26. (28)
- 1,586,145; All. Boehringer C H Sohn Chemische Fabrik. Process for the production of pure lecithin. Issued 5-25-26. (28)
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- 1,586,314; Kiefer Michael. Ciamp. Issued 5-25-26. (28)
- 1,586,340; Taraglia Giuseppe. Pneumatic elastic suspension for vehicles. Issued 5-25-26. (38)
- 1,586,357; Edeleanu Lazar. Manufacture of light hydrocarbons. Issued 5-25-26. (28)
- 1,586,366; Hugo Theodor. Machine for gumming envelopes paper bags and the like. Issued 5-25-26. (28)
- 1,586,377; Missy Paul. Method of dyeing hanks. Issued 5-25-26. (28)
- 1,586,380; Rathsburg Hans. Primer composition. Issued 5-25-26. (28)
- 1,586,583; Skrebba Hans. Tacking or stapling machine. Issued 6-1-26. (28)
- 1,586,623; Heideberg Victor et al; Muller Rudolf. Method of and device for operating internal combustion engines. Issued 6-1-26. (28)
- 1,586,670; Girard Fritz. Quartz lamp for medical purposes. Issued 6-1-26. (28)
- 1,586,674; Hartel Emli. Process of manufacturing stable pavements. Issued 6-1-26. (28)
- 1,586,697; All. Farben Photo GmbH. Method for producing prints in natural colors according to multicolor photography. Issued 6-1-26. (28)
- 1,586,728; Zbar Isidor. Portable electric current generating plant. Issued 6-1-26. (28)
- 1,586,729; All. Bensa Felice. Process for manufacturing amino perylene quinones. Issued 6-1-26. (38)
- 1,586,730; All. Bensa Felice. Process for manufacturing vat dyes. Issued 6-1-26. (38)
- 1,586,731; Anft Paul. Method for the manufacturing of buttons. Issued 6-1-26. (28)
- 1,586,806; All. Siemens Schuckertwerke GmbH. Rotary pump. Issued 6-1-26. (28)
- 1,586,873; Witt Hans Dohrm. Swimming appliance. Issued 6-1-26. (28)
- 1,586,937; Yoshizawa Koreo. Process of producing tuberculin. Issued 6-1-26. (39)
- 1,587,019; All. Chemische Fabrik Griesheim Elektron. Process of quick tannage by means of the one bath method. Issued 6-1-26. (28)
- 1,587,038; Sandor Nicholas. Electric light container. Issued 6-1-26. (28)
- 1,587,079; All. Katakura Shuichi. Hose coupling. Issued 6-1-26. (2)
- 1,587,087; All. Universelle Cigarettenmaschinen. Driving mechanism for cigarette filling machines or the like. Issued 6-1-26. (28)
- 1,587,112; Gassen Josef. Rolling mill for pierced or solid metal blanks. Issued 6-1-26. (28)
- 1,587,184; Riebe August. Ball bearing. Issued 6-1-26. (28)
- 1,587,209; Bauer Josef. Collapsible water vehicle. Issued 6-1-26. (28)
- 1,587,238; Minzoni Alfonso. Movable bracket for flying scaffolding. Issued 6-1-26. (38)
- 1,587,251; Streicher Franz Xaver. Interchangeable pipe flange. Issued 6-1-26. (28)
- 1,587,343; Michel Hermann. Internal combustion engine. Issued 6-1-26. (28)
- 1,587,425; Schepp Otto. Cooling accumulator cell. Issued 6-1-26. (39)
- 1,587,531; Libani Romolo. Apparatus for launching lifeboats. Issued 6-8-26. (38)
- 1,587,556; All. Hesser Fr Maschinenfabrik A G. Machine for wrapping up piece goods. Issued 6-8-26. (28)
- 1,587,593; All. Cannstatter Misch and device for tipping vessels. Issued 6-8-26. (28)
- 1,587,598; Magg Wolfgang. Hand fire extinguisher. Issued 6-8-26. (6)
- 1,587,600; Nielsen Otto. Method of introducing additional agents into metallurgical baths. Issued 6-8-26. (28)
- 1,587,673; All. Gelsenkirchener Bergwerks A. G. Coke quenching containing. Issued 6-8-26. (28)
- 1,587,730; Irmischer Johannes Rudolf Paul. Shuttle. Issued 6-8-26. (28)
- 1,587,822; De Grahl Gustav. Flap door for locomotive furnaces and the like. Issued 6-8-26. (28)
- 1,587,827; Freudenberg Rudolf. Process for the manufacture of wood substitutes. Issued 6-8-26. (6)
- 1,587,933; Barne Friedrich. Process and apparatus for the production of double walled tubes. Issued 6-8-26. (28)
- 1,587,954; Horii Shinjiro. Stencil sheet. Issued 6-8-26. (39)
- 1,587,957; Huber Gustav. Machine for sewing together and covering the edges of knitted or woven fabrics. Issued 6-8-26. (28)
- 1,588,016; All. Luftschiffbau Zeppelin GmbH. Outer cover airships. Issued 6-8-26. (28)
- 1,588,052; All. Chemische Fabrik Griesheim Electron. Basic dyestuffs of the malachite green series. Issued 6-8-26. (28)
- 1,588,126; Meyer Johann Friedrich et al; Lucker Hans, Schmitz Carl. Centrifugal machine. Issued 6-8-26. (28)
- 1,588,141; Rohrbach Adolf. Flying machine. Issued 6-8-26. (28)
- 1,588,147; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 6-8-26. (28)
- 1,588,154; Albrecht Emil. Means for sinking boreholes. Issued 6-8-26. (28)
- 1,588,164; Brunner Josef et al; Scheele Erich. Process of preserving articles. Issued 6-8-26. (6)
- 1,588,292; Bader Herbert. Apparatus for making threads and the like of artificial silk. Issued 6-8-26. (6)
- 1,588,402; All. Deutsche Luftfilter Bau-gesellschaft. Filtering apparatus. Issued 6-15-26. (28)
- 1,588,427; Karollus Edmund. Safety device for explosive cartridges. Issued 6-15-26. (6)
- 1,588,451; Eckert Wilhelm et al; Greune Heinrich. Vat dyestuff and process of making same. Issued 6-15-26. (28)
- 1,588,470; Schumann Hans. Device for determining the harmonic relations of musical notes. Issued 6-15-26. (28)
- 1,588,571; Busse Hans. Transformer for mercury vapor lamps. Issued 6-15-26. (28)
- 1,588,589; Knoblock Bruno. Knocking over bits of warp machines and hosiery machines and the like. Issued 6-15-26. (28)
- 1,588,612; All. Optische Anstalt C P Goerz A G. Photographic triplet. Issued 6-15-26. (2)
- 1,588,627; Selbt Georg. Loud speaking telephone. Issued 6-15-26. (28)
- 1,588,758; All. Farbenfabriken Vorm Friedr Bayer. Apparatus for use in the working up of spinning solutions. Issued 6-15-26. (28)
- 1,588,831; Okoyama Masaji. Sign controller. Issued 6-15-26. (39)
- 1,588,854; Rommler Kurt. Manufacture of artificial cloth. Issued 6-15-26. (28)
- 1,588,868; All. Rhenania Verein Chemischer Fabriken. Method for the production of highly active charcoal from wood. Issued 6-15-26. (28)
- 1,588,879; All. Maschinenfabrik Augsburg. Starting valve for internal combustion engines. Issued 6-15-26. (28)
- 1,588,902; Oertge Georg et al; Schmitt Carl. Trousers press. Issued 6-15-26. (28)
- 1,588,911; Siebert Emma et al; Siebert Martha. Siebert Albert. Last. Issued 6-15-26. (28)
- 1,588,923; Wells Wilfrid Henry. Case for safety razor blades. Issued 6-15-26. (28)
- 1,588,957; Ferrabino Edoardo. Wire spoke wheel. Issued 6-15-26. (33)
- 1,588,992; Ragionieri Armando et al; Madrigali Olinto. System for the Mechanical adjustment of the wick in so-called night lights and new means for fixing the wick itself. Issued 6-15-26. (38)
- 1,589,044; All. Borsig A GmbH. Pump. Issued 6-15-26. (28)
- 1,589,108; Caretta Ettore. Flexible transmission. Issued 6-15-26. (33)
- 1,589,235; Schroder Edmund. Device for the local annealing of pressed parts. Issued 6-15-26. (28)
- 1,589,256; Spruth Hans. Lock. Issued 6-15-26. (28)
- 1,589,309; Bachrach Heinrich. Washboiler with furnace. Issued 6-15-26. (28)
- 1,589,333; All. Pressluft und Berleselung GmbH. Hydraulic lifting jack. Issued 6-15-26. (28)
- 1,589,336; Schoenen Gerhard. Turnable hood for motor cars. Issued 6-15-26. (28)



- 1,589,337; Severin Heinrich. Removal of glass from glass furnaces. Issued 6-15-26. (28)
- 1,589,382; All. Weser A G. Ship steering mechanism. Issued 6-22-26. (28)
- 1,589,463; Drager Alexander Bernhard. Supporting device for self contained breathing apparatus. Issued 6-22-26. (28)
- 1,589,524; All. Durkoppwerke A G. Machine for drawing out threads from tissues. Issued 6-22-26. (28)
- 1,589,656; Pels Henry. Billet shears. Issued 6-22-26. (28)
- 1,589,657; Pels Henry. Metal working machine. Issued 6-22-26. (28)
- 1,589,671; Vogel Josef. Carburetor. Issued 6-22-26. (28)
- 1,589,678; All. Stahn Albert. Removing broken tools from bore holes. Issued 6-22-26. (28)
- 1,589,700; All. Badische Anilin & Soda Fabrik. Manufacture of colored cellulose and solutions thereof. Issued 6-22-26. (28)
- 1,589,750; Gans Otto. Swivel joint for walking dolls. Issued 6-22-26. (28)
- 1,589,764; Rempt Walter. Sporting shotgun. Issued 6-22-26. (28)
- 1,589,796; All. Zeiss Carl Firm. Measuring machine. Issued 6-22-26. (28)
- 1,589,797; All. Zeiss Carl Firm. Measuring device. Issued 6-22-26. (28)
- 1,589,822; Sorge Otto. Condenser for waste steam. Issued 6-22-26. (28)
- 1,589,823; All. Neufeldt & Kuhnke Betriebs GmbH. Telephone receiver. Issued 6-22-26. (28)
- 1,589,833; Behnken Hermann et al., Jaeckel Georg, Kutzner Walter. Measuring device for the examination of electromagnetic waves. Issued 6-22-26. (28)
- 1,589,864; Schneider Oskar Alban. Device for the starting of internal combustion engines in cold air. Issued 6-22-26. (28)
- 1,589,932; Bloss Adolf Ernst. Rail tie and fastening. Issued 6-22-26. (28)
- 1,589,963; Helmstadter Heinrich. Safety signaling apparatus on moving trains. Issued 6-22-26. (28)
- 1,589,982; Muller Friedrich. Method of supplying fuel to internal combustion engines. Issued 6-22-26. (6)
- 1,589,999; All. Schmidt Sche Heissdampf GmbH. Steam boiler. Issued 6-22-26. (28)
- 1,590,022; Grosser Hermann et al; Grosser Franz. Fixation of spark plug. Issued 6-22-26. (28)
- 1,590,091; All. Isabellenhutte GmbH. Issued 6-22-26. (28)
- 1,590,440; Pfiffner Emil. Excess voltage conductor for high. Issued 6-29-26. (34)
- 1,590,488; Zopp August. Fret saw. Issued 6-29-26. (6)
- 1,590,494; Busching Willi. Process of concentrating nitric acid in a column. Issued 6-29-26. (28)
- 1,590,534; Mader Otto. Turntable for portable railways. Issued 6-29-26. (28)
- 1,590,552; Relschl Ludwig. Feed mechanism for typewriting machines. Issued 6-29-26. (28)
- 1,590,640; All. Isomura Kotaro. Process of manufacturing oil of a low boiling point from mineral heavy oils. Issued 6-29-26. (39)
- 1,590,661; All. Bensa Felice. Process for manufacturing perylene compounds of quinone character. Issued 6-29-26. (38)
- 1,590,681; All. Berger Firm Alwin. Drilling head. Issued 6-29-26. (28)
- 1,590,703; Seibt Georg. Oscillatory body for sound reproductions. Issued 6-29-26. (28)
- 1,590,723; All. Bunse Fritz. Seed selecting and cleaning machine. Issued 6-29-26. (28)
- 1,590,724; Caretta Ettore. Flexible transmission. Issued 6-29-26. (38)
- 1,590,871; All. Schwarzenbach Fratelli and Co. Weaving loom. Issued 6-29-26. (38)
- 1,590,895; All. Kohlenveredlung GmbH. Distillation of solid material. Issued 6-29-26. (28)
- 1,590,913; Schmidt Fritz. Process for softening water. Issued 6-29-26. (28)
- 1,590,970; All. Sachsenwerk Licht und Kraft A G. Apparatus for measuring electric currents. Issued 6-29-26. (28)
- 1,590,999; Czapek Emil et al; Weingand Richard. Process for manufacturing foils. Issued 6-29-26. (28)
- 1,591,000; Czapek Emil et al; Weingand Richard. Process for the production of hollow bodies from viscose and similar cellulose solutions. Issued 6-29-26. (28)
- 1,591,111; Zipper Walter. Rim with removable flanges for automobile vehicles and the like. Issued 7-6-26. (6)
- 1,591,168; Lock Andreas. Carriage movement for typewriters. Issued 7-6-26. (28)
- 1,591,239; All. Ottensener Drahtindustrie GmbH. Nail making machine. Issued 7-6-26. (28)
- 1,591,879; Ochi Shuichiro et al; Kotera Fuzaziro. Refining process of sugar juice by chlorination. Issued 7-6-26. (39)
- 1,591,922; Karplus Hans. Process of improving artificial silk staple fibers and textiles made therewith. Issued 7-6-26. (28)
- 1,592,019; Weber Otto. Safety towing device. Issued 7-13-26. (28)
- 1,592,026; All. Lindstrom Carl A G. Sound box for loud speakers telephones and the like. Issued 7-13-26. (28)
- 1,592,111; Klettner Martin. Automatic switch for electric heaters. Issued 7-13-26. (28)
- 1,592,141; All. Speidel Chain Co. Chain link. Issued 7-13-26. (28)
- 1,592,191; All. De Limon Fluhme and Co. Membrane overflow valve. Issued 7-13-26. (28)
- 1,592,218; Motzko Ludwig. Arrangement for draining or drying damp walls. Issued 7-13-26. (6)
- 1,592,231; All. Farbenfabriken Vorm Friedr. Apparatus for intimately mixing gases and liquids. Issued 7-13-26. (28)
- 1,592,242; Welsch Karl Hermann Paul. Device for tripping the blades of wind and water wheels. Issued 7-13-26. (28)
- 1,592,301; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 7-13-26. (28)
- 1,592,345; Drager Alexander Bernhard. Mouthpiece for respiratory apparatus. Issued 7-13-26. (28)
- 1,592,409; Zutter Theodor. Method and apparatus for analyzing gas. Issued 7-13-26. (28)
- 1,592,467; All. Pintsch Julius A G. Process for the distillation of solid bituminous fuels. Issued 7-13-26. (28)
- 1,592,516; All. A E G Deutsche Werke A G. Typewriter. Issued 7-13-26. (28)
- 1,592,520; Dechesne Josef. Cupola or hearth furnace. Issued 7-13-26. (28)
- 1,592,632; All. Woelm M A G. Ampule for substances easily decomposable in solutions. Issued 7-13-26. (28)
- 1,592,654; Bremer Hugo E. Vehicle for rough ground. Issued 7-13-26. (28)
- 1,592,677; Szente Aurel. Clock for motor cars and other vehicles. Issued 7-13-26. (6)
- 1,592,678; All. Sachs R GmbH. Anode battery. Issued 7-13-26. (28)
- 1,592,705; All. Jos Pe Farbenphoto GmbH. Camera for multicolor photography. Issued 7-13-26. (28)
- 1,592,772; Bergius Friedrich. Process for treating carbon and carbon compounds under heat and pressure. Issued 7-13-26. (28)
- 1,592,774; All. Kemma J Maschinenfabrik und. Pivotal spur for driving wheels of motor plows and similar machines. Issued 7-13-26. (28)
- 1,592,781; All. Buchloh & Renkhoff GmbH. Tiltable sliding saddle for bicycles. Issued 7-13-26. (28)
- 1,592,812; All. Kneusel Carl. Can end folding machine. Issued 7-13-26. (28)
- 1,592,816; Aoki Tamotsu et al; Hagiwara Masuo. Time measuring apparatus. Issued 7-20-26. (39)
- 1,592,876; Von Gehlen Alfred August. Speed indicator. Issued 7-20-26. (28)
- 1,592,957; Nickel Richard. Apparatus for manufacturing endless grinding bands. Issued 7-20-26. (28)
- 1,593,135; Olivetti Camillo. Typewriting machine. Issued 7-20-26. (38)
- 1,593,169; Geiger Eugen. Rotating endless screen belt for the mechanical purification of water. Issued 7-20-26. (28)
- 1,593,191; Meyer Johann Friedrich. Manufacture of nonalcoholic beer and the like. Issued 7-20-26. (28)
- 1,593,224; Spiess Georg. Mechanical sheet feeding device for folding printing and like machines. Issued 7-20-26. (28)
- 1,593,296; Fues Ernst. Process for the production of moistness resisting papers. Issued 7-20-26. (28)
- 1,593,362; Righetto Marco et al; Zorzi Carlo. Rail fastening. Issued 7-20-26. (38)
- 1,593,463; All. Officina Meccanica Industria. Loop wheel of circular knitting frames. Issued 7-20-26. (38)
- 1,593,474; Serrao Giuseppe. Bearing. Issued 7-20-26. (38)
- 1,593,491; Gerson Kurt. Treatment of household and street waste. Issued 7-20-26. (28)
- 1,593,498; Kuhn Wilhelm. Variable capacity liquid motor. Issued 7-20-26. (28)
- 1,593,507; Guttinger Carl; Rieser Karl et al. Vehicle spring. Issued 7-20-26. (28)
- 1,593,514; All. Chemische Fabrik B'diesheim Elektron. Production of Phosphoric acid. Issued 7-20-26. (28)
- 1,593,674; David Dagobert; Rotter Arthur et al. Type inking mechanism. Issued 7-27-26. (28)
- 1,593,760; Dreyer Otto. Device for protecting electric circuits from overheating. Issued 7-27-26. (28)
- 1,593,762; Heitmann Moritz Joseph. Lubricating oil emulsion. Issued 7-27-26. (28)
- 1,593,770; Lang Anton. Sparking plug for internal combustion engines. Issued 7-27-26. (28)
- 1,593,799; All. Thaleswerk M B H. Combined adding and printing machine. Issued 7-27-26. (28)
- 1,593,814; Vogel Robert. Method for producing a substance adapted to tampon wounds. Issued 7-27-26. (28)
- 1,593,902; All. Michael J & Co. Process of producing barium chloride. Issued 7-27-26. (28)
- 1,593,923; All. Fursattel Hans. Distribution for internal combustion engines. Issued 7-27-26. (28)
- 1,594,094; Ernst Wilhelm Eberhard. Device for the improvement of the mixture in internal combustion engine. Issued 7-27-26. (28)
- 1,594,133; Tafel Wilhelm. Process of treating ingot iron. Issued 7-27-26. (28)
- 1,594,197; Hofmann Johannes Wilhelm. Hanger for insulator chains and the like. Issued 7-27-26. (28)
- 1,594,211; Nohse Carl. Automatic stop for railway wagons. Issued 7-27-26. (28)
- 1,594,231; Winterhalter Martin. Fastening for fabrics and the like. Issued 7-27-26. (28)
- 1,594,257; Guerrini Luigi. Vehicle wheel. Issued 7-27-26. (38)
- 1,594,279. Steinmetz Georg. Carrying frame for wall brackets suspension hooks and the like. Issued 7-27-26. (28)
- 1,594,319; Namiki Ryosuke. Fountain pen. Issued 7-27-26. (39)
- 1,594,336; Mewes Rudolf Ferdinand et al; Mewes Rudolf Karl Eduard. Process for separating gas mixtures more especially air or other difficulty liquefiable gas mixtures. Issued 7-27-26. (28)

- 1,594,370; Kubota Seichi. Reagent container. Issued 8-3-26. (39)
- 1,594,438; All. Wanderer Werke formerly Winkhofer and Jaenicke A G. Line spacing mechanism for type writing machines. Issued 8-3-26. (28)
- 1,594,470; Schwarz Robert. Photographic layer and method of making same. Issued 8-3-26. (28)
- 1,594,740; Levi Isaia. Fountain pen. Issued 8-3-26. (38)
- 1,595,017; Meyer Johann Friedrich et al; Lucker Hans Schmitz Carl. Centrifugal machine. Issued 8-3-26. (28)
- 1,595,050; Wolf Robert. Cystoscope and similar instrument. Issued 8-3-26. (28)
- 1,595,061; Valerius Johann. Electric cut out. Issued 8-3-26. (28)
- 1,595,092; Heimerdinger Rudolf. Micrometer indicator. Issued 8-10-26. (28)
- 1,595,169; Schieferstein Georg Heinrich. Means for producing curve shaped oscillations. Issued 8-10-26. (28)
- 1,595,170; Schieferstein Heinrich. Controlling device for clockworks and the like. Issued 8-10-26. (28)
- 1,595,183; All. Askania Werke A G Vormals Centralverstatt Dessau und Bamberg. Friedenau Carl. Cinematographic photographing and projection apparatus. Issued 8-10-26. (28)
- 1,595,201; Krause Walter. Irrigation system. Issued 8-10-26. (28)
- 1,595,431; Vettinger Albert. Process of producing transparent windows in paper cardboard and the like. Issued 8-10-26. (28)
- 1,595,445; Boggiano Pico Luigi. Apparatus for treating organic residues. Issued 8-10-26. (38)
- 1,595,510; All. Fischer H & Co. Toy lorry. Issued 8-10-26. (28)
- 1,595,525; Sachs Franz. Press mold for dental purposes. Issued 8-10-26. (28)
- 1,595,529; Takayama Yoshitaro. Process of separating and collecting organic acids and bases from beetroot molasses. Issued 8-10-26. (39)
- 1,595,530; Walther Franz. Metallic constructional toy. Issued 8-10-26. (28)
- 1,595,538; All. Nosawa Yuji. Process of preparing pyrethrum insecticides. Issued 8-10-26. (39)
- 1,595,590; All. Ullman Firm & Co. Photographic printing frame. Issued 8-10-26. (28)
- 1,595,690; Schwarzkopf Jakob. Polishing composition. Issued 8-10-26. (28)
- 1,595,735; Schmierer Michel. Fluorescent tube. Issued 8-10-26. (28)
- 1,595,740; Stumpf Johann. Operating mechanism for inlet valves. Issued 8-10-26. (28)
- 1,595,849; Zimbel Wilhelm. Cylinder printing machine with reciprocating carrier. Issued 8-10-26. (28)
- 1,595,955; All. Ganden Bergersche Maschinenfabrik. Inking mechanism for platen printing presses. Issued 8-10-26. (28)
- 1,595,981; Ballert Otto. Hydraulic tipping device especially for power driven freight vehicles. Issued 8-17-26. (28)
- 1,595,982; Appel Gustav. Rotary pump. Issued 8-17-26. (28)
- 1,595,988; Bongardt Ernst. Self unloading vehicle. Issued 8-17-26. (28)
- 1,596,017; Harnisch Marie Elfriede. Method of producing polychromatic decorated candles. Issued 8-17-26. (28)
- 1,596,051; Kramer Erwin. Feeding mechanism for mills. Issued 8-17-26. (28)
- 1,596,065; Muller Kurt. Tube scraper. Issued 8-17-26. (28)
- 1,596,108; All. Kubler Carl. Calculating machine. Issued 8-17-26. (28)
- 1,596,129; Uhlich Rudolf. Slide Rule. Issued 8-17-26. (28)
- 1,596,162; Drager Alexander Bernhard. Eye-piece. Issued 8-17-26. (28)
- 1,596,168; Fischbach Richard. Valve. Issued 8-17-26. (28)
- 1,596,194; Lang Franz. Fuel pump. Issued 8-17-26. (28)
- 1,596,210; All. Aero Motor und Auto Zuehor A G. Searchlight projector for closed vehicles. Issued 8-17-26. (28)
- 1,596,258; Tessky Karl. Tool slide. Issued 8-17-26. (28)
- 1,596,345; Gambarotta Piero. Speed indicating apparatus. Issued 8-17-26. (38)
- 1,596,378; All. Rheinisch Metallwaaren und. Fuse for projectiles. Issued 8-17-26. (28)
- 1,596,405; Dechend Hermann V. Rontgen tube. Issued 8-17-26. (28)
- 1,596,476; Zangl Josef. Vulcanizing apparatus. Issued 8-17-26. (28)
- 1,596,500; All. Gleich Richter GmbH. Mercury vapor arc rectifier of glass. Issued 8-17-26. (28)
- 1,596,511; Pistolesi Enrico. Control device for variable pitch propeller screws. Issued 8-17-26. (38)
- 1,596,522; All. Koch and Sterzer A G Firm. Transformer. Issued 7-17-26. (28)
- 1,596,560; Takahashi Zensuke. Aluminum rectifier. Issued 8-17-26. (39)
- 1,596,601; Dornseif Hugo. Heel clamp for skates. Issued 8-17-26. (28)
- 1,596,629; All. Rheinisch Metallwaaren Und. Gun for high and low angle firing. Issued 8-17-26. (28)
- 1,596,741; Kranz Richard. Filing device for cards and the like. Issued 8-17-26. (28)
- 1,596,821; Fornaca Guido. Apparatus for use in rectifying cylinder bores. Issued 8-17-26. (38)
- 1,596,939; All. Magnet Werk GmbH Eisenach. Spezialfabrik fur elektromagnet apparate internal combustion locomotive. Issued 8-24-26. (28)
- 1,596,977; All. Topf J A & Soehne. Apparatus for aerating seed drums. Issued 8-24-26. (28)
- 1,597,041; All. Motorenwerke Mannheim A G Vorm. Benz abt stationarer motorenbau. Internal combustion engine with ignition chamber. Issued 8-24-26. (28)
- 1,597,176; All. Waggonfabrik A G. Gauge drilling means. Issued 8-24-26. (28)
- 1,597,289; Reinhold Hermann. Metal bedstead. Issued 8-24-26. (28)
- 1,597,324; Mauser Alfons. Container such as barrel drum or the like. Issued 8-24-26. (28)
- 1,597,369; All. Durkoppwerke A G. Sewing machine for making festoons. Issued 8-24-26. (28)
- 1,597,526; Krauss Friedrich Emil. Cartridge for fire extinguishers and the like. Issued 8-24-26. (28)
- 1,597,528; Lauenstein Otto. Device for wrapping irregularly shaped objects. Issued 8-24-26. (28)
- 1,597,602; Klein Paul. Transfer. Issued 8-24-26. (34)
- 1,597,635; Stieckdorn Robert. Apparatus for cleaning conduits, etc. Issued 8-24-26. (28)
- 1,597,702; All. Gessner Ernest A G. Drying device for tubular fabrics. Issued 8-31-26. (28)
- 1,597,718; Bringhenti Plinio. Apparatus for recovering heat from coke slags ashes and other solid substances. Issued 8-31-26. (38)
- 1,597,727; All. I G Farbenindustrie A G. Film. Issued 8-31-26. (28)
- 1,597,730; Seidel Arnold. Change spur gearing especially for motor driven vehicles. Issued 8-31-26. (28)
- 1,597,731; Seiffert Otto. Automatically gripping chuck. Issued 8-31-26. (6)
- 1,597,749; Wolf Willy. Business book. Issued 8-31-26. (28)
- 1,597,760; Burstyn Walther. Vapor relay circuit controller. Issued 8-31-26. (28)
- 1,597,787; Hauser Friedrich et al; Ellerbush Hermann. Method of and apparatus for regulating the fuel supply in internal combustion engines. Issued 8-31-26. (28)
- 1,597,802; Kaltenbach Hans. One blade reamer. Issued 8-31-26. (28)
- 1,597,818; All. Jos Pe Farbenphoto GmbH. Art of multiple color photography. Issued 8-31-26. (28)
- 1,597,824; Reiter Peter. Heatable soldering copper with automatic solder supply by means of piston pressure. Issued 8-31-26. (28)
- 1,597,935; Turck Eugen. Table cover and process for manufacturing the same. Issued 8-31-26. (28)
- 1,597,964; Glud Wilhelm. Method of removing sulphureted hydrogen from gases. Issued 8-31-26. (28)
- 1,598,018; 3/4 Koholyt Firm A G. Process of electrolytic decomposition of chlorides. Issued 8-31-26. (28)
- 1,598,035; Barabino Adolpo et al; Graeve Francesco. Machine for the manufacture of small packings. Issued 8-31-26. (38)
- 1,598,085; Kirschmann Leopold. Apparatus for heating and cooling victuals or beverages. Issued 8-31-26. (28)
- 1,598,089; Langkopf Theodor. Apparatus for hermetically closing preserve glasses. Issued 8-31-26. (28)
- 1,598,157; All. Berlin Karlsruher Industriewerke A G. Apparatus for spinning artificial silk. Issued 8-31-26. (28)
- 1,598,205; Lichtner Rudolph. Devise for dyeing suspended hank yarn. Issued 8-31-26. (38)
- 1,598,246; Meyer Robert. Method of combining leather and caoutchouc. Issued 8-31-26. (28)
- 1,598,276; Goldschmidt Julius. Direction indicator for motor vehicles. Issued 8-31-26. (28)
- 1,598,301; Mugler Julius. Evaporator plant. Issued 8-31-26. (28)
- 1,598,390; All. Stettiner Chamotte Fabric A G; Vormals Didier. Apparatus for incinerating refuse. Issued 8-31-26. (28)
- 1,598,452; All. Felten and Guillaume Carlswerk A G. Method of manufacturing uniformly loaded conductors. Issued 8-31-26. (28)
- 1,598,463; Vogel Ernst. Switching apparatus for pumping plants comprising a plurality of electrically operated pumps. Issued 8-31-26. (6)
- 1,598,473; Breisig Albert. Complete gasification of bituminous fuel. Issued 8-31-26. (6)
- 1,598,497; Oswald Fritz. Devise for advertising purposes. Issued 8-31-26. (28)
- 1,598,539; All. Maybach Motorenbau Firm GmbH. Carburetor. Issued 8-31-26. (28)
- 1,598,632; All. Wimmer Firm & Co. Electric igniter. Issued 9-7-26. (28)
- 1,598,692; Sachau Henry Johannes Karl. Feed regulating apparatus for sausage filling machines. Issued 9-7-26. (28)
- 1,598,707; All. Koepf & Co Rudolph. Process for the production of hydrocyanic acid. Issued 9-7-26. (28)
- 1,598,734; Lichtenberg Jakob. Safety device for mine cages. Issued 9-7-26. (28)
- 1,598,775; Jensen Christian Peter. Doorcheck. Issued 9-7-26. (28)
- 1,598,952; All. Sachsische Maschinenfabrik Vorm. Preparatory worsted spinning. Issued 9-7-26. (28)
- 1,599,011; Hohn Gerhard. Sock suspender garter or the like. Issued 9-7-26. (28)
- 1,599,192; Wikschrom Jakob. Machine for manufacturing wire tacks. Issued 9-7-26. (28)
- 1,599,250; Schatz Anton. Partitioned pedestal of armored concrete for masts. Issued 9-7-26. (28)
- 1,599,358; Bergmann Max et al; Immendorfer Eugen C. Process for removing the hair from green hides. Issued 9-7-26. (28)



- 1,599,363; All. I. G. Farbenindustrie A G. Recovering sulphur. Issued 9-7-26. (28)
- 1,599,386; Wever Fritz Dec. Machine for making feather lined and similar material. Issued 9-7-26. (28)
- 1,599,387; Wever Fritz Dec. Feather feeding device. Issued 9-7-26. (28)
- 1,599,388; Wever Fritz Dec. Feather feeding apparatus. Issued 9-7-26. (28)
- 1,599,406; All. Lanz Heinrich AKG. Waste heat boiler. Issued 9-14-26 (28)
- 1,599,407; All. Lanz Heinrich AKG. Steam superheater. Issued 9-14-26. (28)
- 1,599,469; All. Klein Johanna. Sham motor cycle for amusement purposes. Issued 9-14-26. (28)
- 1,599,481; Marcuse Adolf. Solar heater. Issued 9-14-26. (28)
- 1,599,681; Selgmann Arthur. Apparatus for drying and cooling gases preferably for the purpose of liquefaction of gas. Issued 9-14-26. (28)
- 1,599,751; All. Franken Herm AKT GES. Dust preventing emptying device for dustbins. Issued 9-14-26. (28)
- 1,599,813; Fischer H & Co. Sounding wheeled toy. Issued 9-14-26. (28)
- 1,599,897; Kanta Robert. Device for conveying medicaments for the disinfection of the urethra and its vicinity. Issued 9-14-26. (6)
- 1,599,912; Naujoks Rudolf. Electric cooking device. Issued 9-14-26. (28)
- 1,599,959; Fujimoto Buhelji. Atomizer. Issued 9-14-26. (39)
- 1,599,970; Meinke Max. Spinning apparatus. Issued 9-14-26. (28)
- 1,599,989; Dechend Hermann V. Rontgen tube and system and method for operating the same. Issued 9-14-26. (28)
- 1,600,088; Burszyn Walther. Mechanical rectifier. Issued 9-14-26. (28)
- 1,600,112; All. Schrauben und Schmiedewarenfabriks Industrie GmbH. Screw rolling machine. Issued 9-14-26. (6)
- 1,600,149; Surjaninoff Michael. Water tight bearing. Issued 9-14-26. (6)
- 1,600,160; Bartholome Robert. Pneumatic playing device for musical instruments. Issued 9-14-26 (28)
- 1,600,293; Namiki Ryosuke. Method of working upon surfaces of ebonite articles. Issued 9-21-26. (39)
- 1,600,332; Haslauer Josef. Voltmeter. Issued 9-21-26. (28)
- 1,600,339; All. Climax Werke A G AM AM Eskenberg. Pipe bending machine. Issued 9-21-26. (28)
- 1,600,353; Nose Toichi. Process of constructing culverts or pipes of concrete. Issued 9-21-26. (39)
- 1,600,407; All. Deckel Friedrich Pracisionsmechanik und Maschinenbau. Camera shutter. Issued 9-21-26. (28)
- 1,600,419; Mainelli Roberto. Rudder with horizontal axis. Issued 9-21-26. (38)
- 1,600,449; Ahlborn Carl. Automatic coupling for motor cars or other vehicles. Issued 9-21-26. (28)
- 1,600,478; Lawaczek Franz. Electrolytic apparatus. Issued 9-21-26. (28)
- 1,600,523; All. Wittkop & Co. Saddle for bicycles, motor bicycles and the like. Issued 9-21-26. (28)
- 1,600,834; All. Junkers Hugo. Supporting structure for flying machines. Issued 9-21-26. (28)
- 1,600,903; Nordmann Max I. Holder for pencils, crayons and the like. Issued 9-21-26. (28)
- 1,601,042; Rosa Ferdinando. Electroscopes and charging device therefor. Issued 9-28-26. (38)
- 1,601,196; Wolff Anton Wilhelm. Wire bale fastening apparatus. Issued 9-28-26. (28)
- 1,601,214; All. Schnellpressenfabrik A G Heidelberg. Printing press. Issued 9-28-26. (28)
- 1,601,244; Falck Richard. Process for the production of solid alcohol structure soaps. Issued 9-28-26. (28)
- 1,601,245; Fornaca Guido. Coupling of tractors and trailers. Issued 9-28-26. (38)
- 1,601,253; Lumpp Jacob. Coiling machine for making paper tubes. Issued 9-28-26. (28)
- 1,601,265; Schlesinger Georg. Apparatus for manufacturing bands of veneer. Issued 9-28-26. (28)
- 1,601,287; Bertinetti Giovanni. Printing plate for duplicating machines. Issued 9-28-26. (38)
- 1,601,329; Slesazek Carl. Rolling in tool for tubes. Issued 9-28-26. (28)
- 1,601,384; Vianello Emilio. Steam regenerating system. Issued 9-28-26. (38)
- 1,601,385; Wagner Heinrich. Vehicle coupling. Issued 9-28-26. (28)
- 1,601,440; All. Schmidt Sche Heissdampf GmbH. Method and apparatus for the generation of steam. Issued 9-28-26. (28)
- 1,601,447; Huck Robert. Skeleton for articulated toys especially dolls. Issued 9-28-26. (28)
- 1,601,464; Wille Friedrich. Ball game. Issued 9-28-26. (28)
- 1,601,526; Giehler Fritz. Shuttle. Issued 9-28-26. (28)
- 1,601,533; Klima Rudolf et al; Reischenbacher Hans. 1 snowplow for locomotive or railway engines. Issued 9-28-26. (6)
- 1,601,561; Coerper Wilhelm. Boot nailing machine. System of taking photographic and cinematographic pictures. Issued 9-28-26. (28)
- 1,601,917; Kinvall Hjalmar. Three wheeled motor vehicle. Issued 10-5-26. (28)
- 1,602,043; Piffner Emil. Arrangement for carrying off heat. Issued 10-5-26. (34)
- 1,602,070; Dragonetti Giovanni. Selenium cell without inertia. Issued 10-5-26. (38)
- 1,602,100; Carbone Tito Livio. Dec. Electric arc lamp. Issued 10-5-26. (28)
- 1,602,162; Monti Eudo. Pomace extract. Issued 10-5-26. (38)
- 1,602,163; Monti Eudo. Process of digesting and concentrating protein and preparing nonalcoholic drug extracts. Issued 10-5-26. (38)
- 1,602,236; All. Borsig, A GmbH. Valve. Issued 10-5-26. (28)
- 1,602,238; All. Quarzlampen GmbH. Mercury vapor apparatus. Issued 10-5-26. (28)
- 1,602,252; Ritzmann Albin. Hair cutting machine. Issued 10-5-26. (28)
- 1,602,253; Runkel Roland. Method of producing half stuffs and cellulose from vegetable fibers. Issued 10-5-26. (28)
- 1,602,259; Toyoda Kichiro. Shuttle magazine for automatic looms. Issued 10-5-26. (39)
- 1,602,266; All. Spezial Bronzen und Metallwalzwerk. Soldering bit. Issued 10-5-26. (6)
- 1,602,285; Schaber Fritz. Manifolding apparatus. Issued 10-5-26. (28)
- 1,602,301; Guttner Georg. Universal pump. Issued 10-5-26. (28)
- 1,602,308; Maly Hermann. Process of spinning drawing and doubling yarn. Issued 10-5-26. (28)
- 1,602,310; Melamid Michael. Splitting up of tars crude mineral oils and the like. Issued 10-5-26. (28)
- 1,602,355; Frank Paul A R. Method of treating sounding boards of stringed instruments. Issued 10-5-26. (28)
- 1,602,464; All. Kruckenberg Franz. Running gear for high speed suspension cars. Issued 10-12-26. (28)
- 1,602,489; Hochstetter Ferdinand; et al. Schmeidel Gustaf. Method or process of permanently preserving animals and plants. Issued 10-12-26. (6)
- 1,602,615; Jager Emil. Loom for weaving wire. Issued 10-12-26. (28)
- 1,602,662; Hackenberg Johann. Means for driving dynamos from vehicle wheel axles. Issued 10-12-26. (28)
- 1,602,859; Sikor Karl Otto. High frequency device for electromedical objects. Issued 10-12-26. (6)
- 1,602,908; Kohl Raimund. Clamping device for filing documents. Issued 10-12-26. (6)
- 1,602,921; Metzger Carl et al; Lutschen Ewald. Condenser. Issued 10-12-26. (28)
- 1,602,971; Fornaca Guido. Motor vehicle. Issued 10-12-26. (38)
- 1,602,994; Vigo Giovanni. Means for controlling electric circuits in automotive vehicles. Issued 10-12-26. (38)
- 1,602,998; Bertolotto Luigi. Annunciator for automobiles. Issued 10-12-26. (38)
- 1,603,080; All. Hoshino Shozaburo. Process for manufacturing artificial silk. Issued 10-12-26. (39)
- 1,603,110; Horten Alphons. Field watering plant. Issued 10-12-26. (28)
- 1,603,154; Schmierer Johannes Michael. Multiple fuse with rotary switch. Issued 10-12-26. (28)
- 1,603,228; Woerner Eugen. Oil pressure pump. Issued 10-12-26. (28)
- 1,603,327; Dickmann August. Pocket glass. Issued 10-19-26. (28)
- 1,603,364; Tamini Mario. Means for tightening the glands of stuffing boxes. Issued 10-19-26. (38)
- 1,603,427; Thormann Rudolf. Pendulum for clocks. Issued 10-19-26. (28)
- 1,603,474; Kirschmann Leopold. Cooling and freezing vessel. Issued 10-19-26. (28)
- 1,603,475; Kruckenberg Franz. Arrangement for the intensive transportation of persons. Issued 10-19-26. (28)
- 1,603,484; Meissner Arthur. Belt clamp. Issued 10-19-26. (28)
- 1,603,508; Brand Albert. Closure for containers. Issued 10-19-26. (28)
- 1,603,565; Voss Walter. Drop closure for bottles receptacles or the like. Issued 10-19-26. (28)
- 1,603,599; Heibel Alois. Power machine with helically curved blades to form correspondingly shaped compartments. Issued 10-19-26. (6)
- 1,603,612; Krautzberger Albert. Air and color spraying apparatus. Issued 10-19-26. (28)
- 1,603,647; Stender Friedrich. Machine tool. Issued 10-19-26. (28)
- 1,603,676; Forster Franz August Gerhard. Piano having quarter tones. Issued 10-19-26. (28)
- 1,603,776; Joly Franz Marie Joseph. Filing system. Issued 10-19-26. (39)
- 1,603,793; Otto Carl. Coke oven and process of operating same. Issued 10-19-26. (28)
- 1,603,803; Przeddecki Ludwig. Straw band for the manufacture of cigarette mouthpieces. Issued 10-19-26. (28)
- 1,603,840; Corsi Luigi. Means of gasifying heavy fuel in two stroke engines. Issued 10-19-26. (38)
- 1,603,866; Rohrbach Adolf. Flying boat. Issued 10-19-26. (28)
- 1,603,998; All. Schmidt Sche Heissdampf GmbH. Manhole closure. Issued 10-19-26. (28)
- 1,604,058; Mager Herbert. Arrangement for roasting grinding and cooking coffee or the like. Issued 10-19-26. (6)
- 1,604,059; Matsumoto Shigeru. Metallic link belt. Issued 10-19-26. (39)
- 1,604,089; Topfl Franz. Machine for testing springs. Issued 10-19-26. (28)
- 1,604,150; Klinkmann Ernest. Device for winding cylindrical wire. Issued 10-26-26. (28)
- 1,604,150. Klinkmann Ernest. Device for winding cylindrical wire. Issued 10-26-26. (28)
- 1,604,186; All. Lechler Paul. Gasometer. Issued 10-26-26. (28)



- 1,604,204; Tessky Karl. Stop for tool slides. Issued 10-26-26. (28)
- 1,604,246; Toyoda Klichiro. Pirn bobbin winding machine. Issued 10-26-26. (39)
- 1,604,382; Bruhn Frederick Silhelm Gustav. Locking mechanism for taximeter control levers. Issued 10-26-26. (28)
- 1,604,395; Ekert Fred M. Production and composition of porcelain. Issued 10-26-26. (28)
- 1,604,468; Mundorf Emil. Washing fulling and dyeing of fabrics. Issued 10-26-26. (28)
- 1,604,488; Seck Willy. Rotary valve. Issued 10-26-26. (28)
- 1,604,489; All. Seiffert Franz Co. Method of making pipe bends. Issued 10-26-26. (28)
- 1,604,518; Kallmeyer Ernst. Catheter. Issued 10-26-26. (28)
- 1,604,544; Arnone Luigi. Special carbon for the starting of a voltaic arc with ultra violet rays. Issued 10-26-26. (38)
- 1,604,673; Andreas Arno. Compound drum mill. Issued 10-26-26. (28)
- 1,604,698; Kirchhof Arthur. Process of treating aluminum to facilitate the welding and soldering thereof. Issued 10-26-26. (28)
- 1,604,726; Strauter Daniel. Cutting apparatus with trailing cut for mowing machines. Issued 10-26-26. (28)
- 1,604,727; Volke Carl. Support for tourists cookers. Issued 10-26-26. (28)
- 1,604,733; Baader Rudolph. Apparatus for boning large sized fish. Issued 10-26-26. (28)
- 1,604,738; All. Deutsche Verkohlungs & Destillation. Carbonizing apparatus. Issued 10-26-26. (28)
- 1,604,913; Hattingsberg Walther. Spring button fastening. Issued 10-26-26. (28)
- 1,604,930; All. Lechler Paul Firm. Method of treating paints. Issued 10-26-26. (28)
- 1,604,984; Fornaca Guido. Gear cutting machine. Issued 11-2-26. (38)
- 1,605,019; Wolf Paul. Electric headlamp more particularly for miners. Issued 11-2-26. (28)
- 1,605,025; Hilderbrandt Hermann. Comminuting and mixing of substances of all kinds. Issued 11-2-26. (28)
- 1,605,036; Junkers Hugo. Flying machine. Issued 11-2-26. (28)
- 1,605,039; Krantz Hubert. Tenting and drying machine. Issued 11-2-26. (28)
- 1,605,045; All. Junkers Hugo. Wing of flying machines. Issued 11-2-26. (28)
- 1,605,194; Kopf Carl. Machine for manufacturing flexible metal pipes. Issued 11-2-26. (28)
- 1,605,229; All. Schmidt, Sche Heissdampf Ges. Steam and water collector for high pressure boilers. Issued 11-2-26. (28)
- 1,605,346; Herrmann Emil et al; Kaufman Karl. Elastic vehicle wheel. Issued 11-2-26. (28)
- 1,605,350; Kilsch Gustav. Dust guard for motor cars. Issued 11-2-26. (28)
- 1,605,380; Wagner Fritz. Balanced valve. Issued 11-2-26. (28)
- 1,605,399; Fornaca Guido. Spring controlled valve. Issued 11-2-26. (38)
- 1,605,419; All. Chemische Fabrik Dr Hugo. Process for the manufacture of tartaric acid. Issued 11-2-26. (34)
- 1,605,593; Kiss Ecscegi Stefan. Manufacture of unwelded chains. Issued 11-2-26. (6)
- 1,605,671; Leroi Alfred. Handle for cold and hot water cocks. Issued 11-2-26. (28)
- 1,605,727; Hilscher Curt. Apparatus for the production of horizontal stripes on the circular knitting frame. Issued 11-2-26. (28)
- 1,605,781; Rogowski Walter et. al; Grosser Walter. Glowing cathode oscillograph. Issued 11-2-26. (28)
- 1,605,844; Jurges Ernst. Furnace. Issued 11-2-26. (23)
- 1,605,881; All. Bek Ernst Gideon. Ring mesh machine. Issued 11-2-26. (28)
- 1,605,886; All. Getriebebau GmbH. Variable feed gear. Issued 11-2-26. (28)
- 1,605,911; Bannetz Fritz. Electrostatic apparatus. Issued 11-9-26. (28)
- 1,605,948; Herzog Eugen. Grating or lattice for shutting off the queen in a beehive. Issued 11-9-26. (28)
- 1,606,390; All. Pharos Feuerstätten GmbH. Gas heater. Issued 11-9-26. (28)
- 1,606,482; Schufftan Eugen. Method and apparatus for producing composite motion pictures. Issued 11-9-26. (28)
- 1,606,483; Schufftan Eugen. Making motion pictures. Issued 11-9-26. (28)
- 1,606,591; Muller Friedrich. Internal combustion engine working with auxiliary pump cylinders. Issued 11-9-26. (6)
- 1,606,636; All. Ansaldo S A. Device permitting a closing variation of the sprayer S needle in Diesel motors. Issued 11-9-26. (38)
- 1,606,678; von Marsovszky Jenö. Tread operated circuit closer. Issued 11-9-26. (34)
- 1,606,812; Schiske Hubert. Carburetor. Issued 11-16-26. (28)
- 1,606,834; All. Muller Johann Carl Firm. Means for packaging flat cigarettes. Issued 11-16-26. (28)
- 1,606,861; All. Wolf Georg GmbH. Gastro-scope. Issued 11-16-26. (28)
- 1,606,908; All. Ruppel Bros. Metallwarenfabrik firm. Flying machine propeller. Issued 11-16-26. (28)
- 1,607,004; Kramer Erwin. Sound recording and reproducing apparatus. Issued 11-16-26. (28)
- 1,607,044; Bergmann Karl. Film pack. Issued 11-16-26. (28)
- 1,607,175; Seifert Karl Adolf. Petroleum cooking and heating device. Issued 11-16-26. (28)
- 1,607,191; Ferri Mario et al; Pascale Francesco. Advertising cash tray. Issued 11-16-26. (38)
- 1,607,192; All. Fischer H & Co. Jumping toy figure. Issued 11-16-26. (28)
- 1,607,202; Lichtenfeld Leopold. Parquet flooring. Issued 11-16-26. (6)
- 1,607,260; Kruckenberg Franz. Means for avoidance of side oscillations of monorail cars. Issued 11-16-26. (28)
- 1,607,433; Carbone Tito Livio. Electric arc lamp. Issued 11-16-26. (28)
- 1,607,453; Gammay Hermann. Process for the production of camphor from isoborneol. Issued 11-16-26. (28)
- 1,607,493; Uhthoff Eduard. Type line setting and casting machine. Issued 11-16-26. (28)
- 1,607,567; Shimidzu Hanbey. Dry battery. Issued 11-16-26. (39)
- 1,607,666; De Haen Wilhelm. Process of manufacturing colloidal phosphate fertilizers. Issued 11-23-26. (28)
- 1,607,693; Schaffert Hubert. Furnace charging mechanism. Issued 11-23-26. (28)
- 1,607,696; Schroeder Curt et al; Keil Alfred. Tooth paste and process of making same. Issued 11-23-26. (28)
- 1,607,701; All. Vogtlandische Maschinenfabrik. Embroidering machine. Issued 11-23-26. (28)
- 1,607,734; Fortini Arturo. Hoisting mechanism. Issued 11-23-26. (38)
- 1,607,748; All. Buchloh & Renkhoff GmbH. Tiltable sliding seat for bicycles. Issued 11-23-26. (28)
- 1,607,754; All. Hoh & Hahne Firm. Oscillable stand for reproduction cameras. Issued 11-23-26. (28)
- 1,607,768; Meusel Hans. Bronzing instrument. Issued 11-23-26. (28)
- 1,607,794; Lorant Fery. Chin rest for violins. Issued 11-23-26. (28)
- 1,607,939; Bergius Friedrich. Process for hydrogenating and cracking hydrocarbons carbonaceous matters and the like. Issued 11-23-26. (28)
- 1,608,009; Strub Otto Hermann. Toy building blocks and the like. Issued 11-23-26. (28)
- 1,608,012; All. Wolters Otto. Composing punching machine for the production of registering strips for automatic type line casting machines. Issued 11-23-26. (28)
- 1,608,077; Wieser Heinrich Jr. Antiskid tire. Issued 11-23-26. (28)
- 1,608,095; Franchetti Alessandro. Fuel pump for internal combustion engines. Issued 11-23-26. (38)
- 1,608,147; All. Trocknungs Anlagengesellschaft mbH. Method and apparatus for withdrawing water from substances and immediately thereafter binding the water. Issued 11-23-26. (28)
- 1,608,169; Hayward John Thompson. Rotary well drilling machinery. Issued 11-23-26. (57)
- 1,608,174; Heymann Hans. Dynamic testing means for building material. Issued 11-23-26. (28)
- 1,608,210; Heilmann Otto. Tunnel oven for the coking or distillation of fuels. Issued 11-23-26. (28)
- 1,608,269; Freund Johann Friedrich. Xray apparatus. Issued 11-23-26. (28)
- 1,608,341; Schrauth Walther et al; Hausmann Hermann. Fat splitting agent and process for splitting fats. Issued 11-23-26. (28)
- 1,608,384; Giehler Gustav Friedrich. Loom. Issued 11-23-26. (28)
- 1,608,385; Giehler Gustav Friedrich. Driver or picker apparatus for looms. Issued 11-23-26. (28)
- 1,608,434; All. Felten and Guillaume Carlswerk A G. Magnetizable material. Issued 11-23-26. (28)
- 1,608,448; Weber Carl Otto. Appliance for grinding milling boring machines and the like. Issued 11-23-26. (28)
- 1,608,455; Zecha Aolis et al; Zecha Franz. Tin opener. Issued 11-23-26. (6)
- 1,608,604; All. Wolf Georg GmbH. Device for photographing the interior of tubes and cavities in the body. Issued 11-30-26. (28)
- 1,608,799; Marschner Eugen. Mercury arc rectifier. Issued 11-30-26. (28)
- 1,608,854; Haas Hermann. Drying apparatus. Issued 11-30-26. (28)
- 1,608,874; Yumura Gentaro. Ice box. Issued 11-30-26. (39)
- 1,608,881; Horii Shinjiro. Stencil sheet. Issued 11-30-26. (39)
- 1,608,904; Muller Heinrich. Fabric covered toy figure. Issued 11-30-26. (28)
- 1,608,996; Reiser Heinrich. Means for cooling the masonry for coal dust furnaces. Issued 11-30-26. (28)
- 1,609,084; All. I G Farbenindustrie A G. Vat dyestuffs of the anthraquinone series and process of making same. Issued 11-30-26. (28)
- 1,609,119; Kassner Ernst. Ribbon reversing mechanism. Issued 11-30-26. (28)
- 1,609,131; Schneider John Josef. Bearing with roller lubricators. Issued 11-30-26. (28)
- 1,609,133; Seo Keiichi. Process of clarifying sugar solutions. Issued 11-30-26. (39)
- 1,609,169; Horn Guido. Mechanism for regulating the tension in machines for winding and conveying strips of fabric and similar goods. Issued 11-30-26. (28)
- 1,609,232; Weil Valentin. Color photography. Issued 11-30-26. (28)
- 1,610,698; All. Dahlen Josef. Tube scraper. Issued 12-14-26. (28)
- 1,611,344; All. Ihagee Kamerawerk Steenberg Co. Photographic camera. Issued 12-21-26. (28)

- 1,611,545; All. Maybach Motorenbau GmbH. Mechanism for actuating motor clutches in motor vehicles. Issued 12-21-26. (28)
- 1,611,969; All. I G Farbenindustrie A G. Process for producing high grade half stuff. Issued 12-28-26. (28)
- 1,612,110; All. Klettsch Edmund. Screw propeller. Issued 12-28-26. (28)
- 1,612,231; All. Steinhilber Firm L and C. Cleaning device for moving grates. Issued 12-28-26. (28)
- 1,612,479; All. Russfabrik Kahl Frim. Manufacture of lampblack cartridges and the like. Issued 12-28-26. (28)
- 1,612,774; All. I G Farbenindustrie A G. Process for obtaining liquids in a solid state. Issued 12-28-26. (28)
- 1,612,771; Pfeiffer Oswald. Collapsible grid. Issued 12-28-26. (28)
- 1,612,819; Huber Gustav. Seam for sewing together and covering for knitted and woven fabrics. Issued 1-4-27. (28)
- 1,612,820; Huber Gustav. Production of over-seams. Issued 1-4-27. (28)
- 1,612,821; Huber Gustav. Sewing machine. Issued 1-4-27. (28)
- 1,612,824; Kuhne Joseph. Connecting rod bearing. Issued 1-4-27. (28)
- 1,612,866; All. Schmidtsche Heissdampf Ges H. Locomotive boiler. Issued 1-4-27. (28)
- 1,612,888; Schneggenburger Gunther. Pump with camcontrolled plungers. Issued 1-4-27. (28)
- 1,612,968; Dick Hermann. Two stroke cycle motor. Issued 1-4-27. (28)
- 1,613,082; All. Standard Compositor A G. Device for distributing the matrices matrices and the like for typographic machines. Issued 1-4-27. (28)
- 1,613,090; Fornaca Guido. Self centering chuck. Issued 1-4-27. (38)
- 1,613,127; Reyneri Carlo. Spoked wheel constructed of pressed or stamped metal sheets. Issued 1-4-27. (38)
- 1,613,149; All. I G Farbenindustrie A G. Decorticating device. Issued 1-4-27. (28)
- 1,613,172; All. Maschinenfabrik G Hausherr E. Pneumatic tool. Issued 1-4-27. (28)
- 1,613,192; Pulz Willy. Weighing machine. Issued 1-4-27. (28)
- 1,613,195; All. Bing Werke Vorm Gebr Bing A G. Key mechanism for typewriting machines. Issued 1-4-27. (28)
- 1,613,201; Schufftan Eugen. Apparatus for composite cinematography. Issued 1-4-27. (28)
- 1,613,205; Soncini Cesare; Castelli Vittorio. Automatic firearm with recoiling barrel. Issued 1-4-27. (38)
- 1,613,210; Warschau Hans Albert Friedrich. Engine or pump. Issued 1-4-27. (28)
- 1,613,235; Maueler Wilhelm. Lacquering or varnishing apparatus. Issued 1-4-27. (28)
- 1,613,301; Umetsu Tadayoshi. Gyroscopic device. Issued 1-4-27. (39)
- 1,613,348; Falkenthal Erwin. Supporting surface for flying machines parachutes and the like; rudder surfaces and protecting surfaces. Issued 1-4-27. (28)
- 1,613,378; Boniforti Carlo. Cut film magazine. Issued 1-4-27. (38)
- 1,613,379; Boniforti Carlo. Cut film pack. Issued 1-4-27. (38)
- 1,613,412; All. Sachsenwerk Lichtund Kraft A G. Oil insulated transformer. Issued 1-4-27. (28)
- 1,613,459; All. Himmelsbach Gebr A G. Process of treating wood. Issued 1-4-27. (28)
- 1,613,494; Von Lepel Egbert. Current converter. Issued 1-4-27. (28)
- 1,613,515; All. Vobach Willy. Method of producing cromophotographs on paper and chromodiapositives. Issued 1-4-27. (28)
- 1,613,531; All. Grill Eugen. Washing and mixing liquids. Issued 1-4-27. (28)
- 1,613,569; All. Chemosan A G. Process for the production of solutions mercury derivatives of hydroxy sulpho benzoic acids. Issued 1-4-27. (6)
- 1,613,583; All. Leitz Ernst Optische Werke. Illuminator for microscopes. Issued 1-4-27. (28)
- 1,613,618; Muller Friedrich. Multiple cylinder internal combustion engine. Issued 1-11-27. (6)
- 1,613,716; Mylaeus Carl. Adjustable support for branches. Issued 1-11-27. (28)
- 1,613,962; Schworetzky Gustav; Method of testing pressure storage vessels. Issued 1-11-27. (28)
- 1,613,972; Uthoff Eduard. Typeline setting and casting machine. Issued 1-11-27. (28)
- 1,614,007; Mangold Hans. Toy figure. Issued 1-11-27. (28)
- 1,614,008; Martinetto Vittorio. Asynchronous induction electric machine. Issued 1-11-27. (38)
- 1,614,009; Martinetto Vittorio. Asynchronous machine. Issued 1-11-27. (38)
- 1,614,022; Teichmann Karl. Closure for preserving vessels and the like. Issued 1-11-27. (28)
- 1,614,043; Rehfeldt August. Ironing horse for sleeves. Issued 1-11-27. (28)
- 1,614,053; Wenzel Heinrich. Gun. Issued 1-11-27. (28)
- 1,614,059; Bilz Anton. Pile arrangement in sheet feeding apparatus. Issued 1-11-27. (28)
- 1,614,062; Engler Rudolf. Driving gear for paper sievestretching machine. Issued 1-11-27. (28)
- 1,614,067; Heublein Wilhelm Oskar; Ampulla for injection liquids comprising separated compartments. Issued 1-11-27. (28)
- 1,614,069; Kesser Fritz. Flushing and disinfecting apparatus for spittoons. Issued 1-11-27. (28)
- 1,614,070; Kleinwort Heinrich. Machine for cutting and dredging ditches. Issued 1-11-27. (28)
- 1,614,071; Klohn Karl. Hinge for doors and windows. Issued 1-11-27. (28)
- 1,614,088; Spiess Georg. Sheet feed mechanism for folding Nes machines printing machines and the like. Dornier Claudius Girder. Issued 1-11-27. (28)
- 1,614,164; Von Littrow Hans et al; Zehl Franz Hermann. Windshield wiper. Issued 1-11-27. (28)
- 1,614,195; All. Boehringer C H and Sohn. Process for the manufacture of esters of oxy acids. Issued 1-11-27. (28)
- 1,614,200; Kattwinkel Hans. Manufacture of friction bodies for brakes and clutches. Issued 1-11-27. (28)
- 1,614,210; Schmitt Nicolaus. Method of manufacturing water tight electric fuses. Issued 1-11-27. (28)
- 1,614,257; Scheffler Fritz. Mine signal plant. Issued 1-11-27. (28)
- 1,614,311; Linner Eugen. Bottle stopper. Issued 1-11-27. (34)
- 1,614,316; Petersen Johannes. Boats crane. Issued 1-11-27. (28)
- 1,614,395; Roemer Curt. Cleaning device for tenter chains. Issued 1-11-27. (28)
- 1,614,479; Leinweber Adolf. Matrix Holder. Issued 1-18-27. (28)
- 1,614,519; All. Luftschiffbau Zeppelin GmbH. Airship with structural compensating surfaces. Issued 1-18-27. (28)
- 1,614,573; Regelein Wilhelm et al; Glaubitz Authur. Oscillation meter. Issued 1-18-27. (28)
- 1,614,636; Wachtel Wilhelm. Apparatus for transforming gelatinic colloids into globules or pearls. Issued 1-18-27. (28)
- 1,614,738; Koerner Ewald. Cigarette making machine. Issued 1-18-27. (28)
- 1,614,760; All. Behringer Matthaus. Apparatus for dental surgery. Issued 1-18-27. (28)
- 1,614,841; All. Kruckenberg Franz. Braking arrangement for highspeed suspension railway. Issued 1-18-27. (28)
- 1,614,842; All. Kruckenberg Franz. Emergency braking arrangement for high speed suspension railway. Issued 1-18-27. (28)
- 1,614,856; Overbeck Wilhelm Jr. Guard for motor cars against rope obstructions. Issued 1-18-27. (28)
- 1,614,858; All. Krupp Fried Germaniawerft AG. Diaphragm sounder. Issued 1-18-27. (28)
- 1,614,906; Von Leper Egbert. Current converter for ignition system. Issued 1-18-27. (28)
- 1,614,950; All. Bergedorfer Eisenwerk AG. Sterilizing device. Issued 1-18-27. (28)
- 1,615,029; All. Gottlieb Liebender. Method of automatically manufacturing knotted or tufted carpets. Issued 1-18-27. (28)
- 1,615,086; Junker Otto. Mold for casting metals. Issued 1-18-27. (28)
- 1,615,102; Schwalbe Carl Gustav. Method of utilizing waste sulphite cellulose lye. Issued 1-18-27. (28)
- 1,615,107; Buddenberg Gerhard. Veneer jointing machine. Issued 1-18-27. (28)
- 1,615,124; Hoffmann Oswald. Process for dyeing yarns. Issued 1-18-27. (28)
- 1,615,128; All. Magirus C D A G. Mast or support for life saving apparatus. Issued 1-18-27. (28)
- 1,615,143; Weis Edmund (6); Serravallo Vittorio et al. Motor fuel testing composition. Issued 1-18-27. (38)
- 1,615,146; Spindler Heinrich. Process for washing and cleaning fabrics and the like. Issued 1-18-27. (28)
- 1,615,159; All. Schottler Josef. Knapsacklike carrying frame and camp stool. Issued 1-18-27. (28)
- 1,615,176; All. Rosenthal Hugo. Belt fastener. Issued 1-18-27. (6)
- 1,615,179; Steinmetz Georg. Paper clip. Issued 1-18-27. (28)
- 1,615,223; All. Elektrotrennmaschinen GmbH. Method of disintegrating or cutting to pieces or demolishing wrecked ships or the like. Issued 1-25-27. (28)
- 1,615,227; All. Lehmann Ernst Paul Patentwerk. Locking means for the spring drums of clockwork mechanisms. Issued 1-25-27. (28)
- 1,615,248; All. Vogel and Halke firm. Weighing apparatus. Issued 1-25-27. (28)
- 1,615,295; All. Klein Friedrich Wilhelm. Electromagnetic light bathing apparatus. Issued 1-25-27. (28)
- 1,615,361; De Fries Alfred. Bolt finishing machine. Issued 1-25-27. (28)
- 1,615,415; All. Haubold C G A G. Fabric feeding apparatus. Issued 1-25-27. (28)
- 1,615,515; All. Rhenania Verein Chemischer. Process for making barium carbonate. Issued 1-25-27. (28)
- 1,615,517; Mundorf Emil. Filled woven fabric. Issued 1-25-27. (28)
- 1,615,562; Jack Michael. Spout for delivering gas under pressure. Issued 1-25-27. (28)
- 1,615,588; Korngiebel Gustav. Regulator for the movements of air or smoke in flues. Issued 1-25-27. (28)
- 1,615,597; Seligmann Arthur. Method for low temperature cooling liquefaction and separation of gases. Issued 1-25-27. (28)
- 1,615,606; Wohler Lothar. A method for the testing of detonators. Issued 1-25-27. (28)
- 1,615,626; Jagenberg Emil. Cigarette packing machine. Issued 1-25-27. (28)
- 1,615,646; All. Beusa Felice. Process of manufacturing dyes. Issued 1-25-27. (38)
- 1,615,655; Schieferstein Georg Heinrich. Power transformation. Issued 1-25-27. (28)
- 1,615,656; Schmidt Josef. Swivel plow with subsoil loosener. Issued 1-25-27. (28)
- 1,615,659; All. I G Farbenindustrie A G. Manufacture of carbon disulphide. Issued 1-25-27. (28)



- 1,615,675; Bender Walter. Windwheel. Issued 2-1-27. (28)
- 1,615,679; Bruning Ernst. Agricultural machine. Issued 1-25-27. (28)
- 1,615,759; Hausle Jacob. Folding ladder. Issued 1-25-27. (6)
- 1,615,805; Zenker Hermann. Weaving device. Issued 1-25-27. (28)
- 1,615,920; Steinkellner Walter. Machine for making buttered slices of bread or the like. Issued 2-1-27. (6)
- 1,616,210; Adler Ernst. Safety razor. Issued 2-1-27. (6)
- 1,616,228; All. Pintsch Julius A G. Valve. Issued 2-1-27. (28)
- 1,616,239; Stumpf Johann. Method and means for delivering preheated feed water. Issued 2-1-27. (28)
- 1,616,279; Parode Roberto. Optical device for horizontal panoramic and zenithal view. Issued 2-1-27. (38)
- 1,616,292; Wilhelm Karl Friedrich. Process for extracting fatty acids from oils and fats. Issued 2-1-27. (28)
- 1,616,358; All. Hurwitz Hermann & Co. Process of multiplying original records and the plates used in said process. Issued 2-1-27. (28)
- 1,616,430; Methner Johann. Cutting mechanism for mowers with partly covering hood. Issued 2-1-27. (28)
- 1,616,468; Raschig Friedrich. Wood preserving composition. Issued 2-8-27. (28)
- 1,616,667; Peltzer Franz Ferdinand. Auxiliary exhaust valve for uniflow steam engines. Issued 2-8-27. (28)
- 1,616,723; All. Zeiss Carl Firm. Finder for photographic apparatus. Issued 2-8-27. (28)
- 1,616,883; Bockholt Germann. Plunger pump. Issued 2-8-27. (28)
- 1,616,922; All. Deutsche Post und Eisenbahn. Rotary printing machine. Issued 2-8-27. (28)
- 1,617,047; Forner Georg. Steam plant. Issued 2-8-27. (28)
- 1,617,076; Mauser Alfons. Closure for receptacles. Issued 2-8-27. (28)
- 1,617,088; Tauschek Gustav. Tabulator particularly for calculating wages. Issued 2-8-27. (6)
- 1,617,092; Yamamoto Tadaoki et al; Kawarada Masataro. Induction synchronous motor. Issued 2-8-27. (39)
- 1,617,137; Stehmann Harry. Rotary kiln for burning cement magnesite lime and the like. Issued 2-8-27. (28)
- 1,617,277; Schmidt Alfred. Manufacture of pipe bends. Issued 2-8-27. (28)
- 1,617,296; Wolff Friedrich. Safety device for gas and air mixing plants. Issued 2-8-27. (28)
- 1,617,312; All. Deckel Friedrich Precisionsmechanik. Engraving machine. Issued 2-8-27. (28)
- 1,617,379; Dorn Conrad. Lifting mechanism for stampers in stamping mills. Issued 2-15-27. (28)
- 1,617,426; Tomioka Shunjiro. Method of producing paints for fishing nets. Issued 2-15-27. (39)
- 1,617,434; Binder Karl. Developer for photographic plates films papers and the like. Issued 2-15-27. (28)
- 1,617,454; Monaco Frederico. Guitar. Issued 2-15-27. (38)
- 1,617,519; All. Schmidt Sche Heissdampf GmbH. Apparatus for superheating steam by means of a high pressure medium. Issued 2-15-27. (28)
- 1,617,652; Sato Shizuo. Stethoscope. Issued 2-15-27. (39)
- 1,617,666; Cattaneo Giustino. Steering mechanism. Issued 2-15-27. (38)
- 1,617,704; All. Koholyt A G. Process and apparatus for moistening paper. Issued 2-15-27. (28)
- 1,617,713; All. Maschinenfabrik Augsburg Nuernberg A G. Starting and stopping device for off set printing machines. Issued 2-15-27. (28)
- 1,617,936; Bamberger Otto. Tube mill and process. Issued 2-15-27. (28)
- 1,618,079; Gerhard Ferdinand et al; Schumacher Ernst. Producer with cooling water jacket. Issued 2-15-27. (28)
- 1,618,095; Klages August. Process for the production of nuclear substituted aromatic cyanogen mercury compounds. Issued 2-15-27. (28)
- 1,618,173; Daiker Richard. Micrometer gauge. Issued 2-22-27. (28)
- 1,618,197; Hildebrand Wilhelm. Railway brake. Issued 2-22-27. (28)
- 1,618,230; All. Schmidt Sche Heissdampf GmbH. Steam superheater for steam engines. Issued 2-22-27. (28)
- 1,618,247; Von Frommer Rudolf. Sporting gun. Issued 2-22-27. (34)
- 1,618,411; Dornig Walter. Electrical frequency multiplying system. Issued 2-22-27. (28)
- 1,618,445; Kuhne Joseph. Single stroke heading machine. Issued 2-22-27. (28)
- 1,618,446; Kuhne Joseph. Method of making cold screw blanks, rivets and similar headed articles. Issued 2-22-27. (28)
- 1,618,479; Schull Leopold. Driving mechanism for presses. Issued 2-22-27. (6)
- 1,618,521; Eilert Adolf. Frame for stringed musical instruments. Issued 2-22-27. (28)
- 1,618,529; All. Maschinenfabrik Kappel Firma. Embroidery machine. Issued 2-22-27. (28)
- 1,618,535; Jordan Franz. Track brake. Issued 2-22-27. (28)
- 1,618,536; Junkers Hugo. Erection of the hulls and the like of flying machines. Issued 2-22-27. (28)
- 1,618,539; Lehner Alfred. Spinning machine. Issued 2-22-27. (28)
- 1,618,545; Mann Victor. Roller sluice. Issued 2-22-27. (28)
- 1,618,671; Pick Hans. Diaphragm valve. Issued 2-22-27. (28)
- 1,618,808; Burg Eugen. Apparatus for burning powdered fuel. Issued 2-22-27. (28)
- 1,618,836; Kurtossy Laszlo. Automatic coupling for railway vehicles. Issued 2-22-27. (34)
- 1,618,842; Von Der Marwitz Hugo. Device for filing letters and the like. Issued 2-22-27. (28)
- 1,618,889; All. Dubelwerke GmbH. Driver for driving thin walled dowels into railway sleepers. Issued 2-22-27. (28)
- 1,618,898; Uthoff Eduard. Type line setting and casting machine. Issued 2-22-27. (28)
- 1,618,905. Baentsch Felix et al; Stober Alfred. Smoke dampcr. Issued 2-22-27. (28)
- 1,618,931; Kammerer Hermann. Process for producing photographic papers for making prints from tracings. Issued 2-22-27. (28)
- 1,618,934; Kuhn Paul. Smelting and refining of iron steel other metals in open hearth furnaces. Issued 2-22-27. (28)
- 1,618,950; All. Kupker Georg. Football. Issued 2-22-27. (28)
- 1,618,951; All. Kupker Georg. Football. Issued 2-22-27. (28)
- 1,618,954; Boscarelli Giovanni. Rolling mill appliance. Issued 2-22-27. (38)
- 1,619,004; Sternkopf Christian Jonathan. Process and apparatus for the production of wood pulp. Issued 3-1-27. (28)
- 1,619,041; Salinger Hans Werner Georg. Duplex arrangement for telegraph cables. Issued 3-1-27. (28)
- 1,619,104; Dorn Carl. Dough dividing machine. Issued 3-1-27. (28)
- 1,619,372; Rohrbach Adolf. Wing construction for metal airplanes. Issued 3-1-27. (28)
- 1,619,373; Rohrbach Adolf. Wing for flying machines. Issued 3-1-27. (28)
- 1,619,374; Rohrbach Adolf. Method and device for the increase of floating stability of airplanes. Issued 3-1-27. (28)
- 1,619,392; Akashi Kazue. Beam compass. Issued 3-1-27. (39)
- 1,619,438; Schoenke Walter. Appliance for practicing riding sport. Issued 3-1-27. (28)
- 1,619,447; All. Schmidt Sche Heissdampf GmbH. Steam boiler. Issued 3-1-27. (28)
- 1,619,485; Rehm Heinrich. Artificial knee joint. Issued 3-1-27. (28)
- 1,619,493; Wever Fritz Dec. Feather lined material and process of making the same. Issued 3-1-27. (28)
- 1,619,518; Junkers Hugo. Sheet metal trellis-work. Issued 3-1-27. (28)
- 1,619,529; Muller Hans. Box for storing furs. Issued 3-1-27. (28)
- 1,619,535; Otto Carl. Vertical chamber oven. Issued 3-1-27. (28)
- 1,619,609; Fejes Jenö. Chassis framing more particularly for motor vehicles. Issued 3-1-27. (34)
- 1,619,623; Magnifico Nicola. Phonograph. Issued 3-1-27. (38)
- 1,619,627; All. Elektrotrennmaschinen GmbH. Method and apparatus for electrically cutting metal. Issued 3-1-27. (28)
- 1,619,645; All. Wolters Otto. Feeding mechanism for machines for punching controlling bands. Issued 3-1-27. (28)
- 1,619,666; Ganssen Robert. Process for the extraction of ammonium aluminum sulphate from aluminum sulphate solutions containing ferric compounds. Issued 3-1-27. (28)
- 1,619,813; Erban Richard. Swiveling roller gearing. Issued 3-8-27. (6)
- 1,619,822; Huber Walter. Watchcase. Issued 3-8-27. (28)
- 1,619,837; Wenz Jonathan et al; Alvera Josef, Brunhubner Georg; Soldering art. Issued 3-8-27. (28)
- 1,619,926; Gerdes Adolf Friedrich. Magneto electric machine. Issued 3-8-27. (28)
- 1,619,948; Mangiameli Francesco. Device for proportionate feeding of gases. Issued 3-8-27. (38)
- 1,619,979; Kasantzeff Florentin. One lined air brake. Issued 3-8-27. (28)
- 1,620,093; Fornaca Guido. Device for preventing abnormal flexure of the springs of motor vehicles. Issued 3-8-27. (38)
- 1,620,212; Jourdan Felix. Process for the treatment of leucite and other sodium & potassium silicates with lime for the purpose of extracting potassium or sodium & aluminum values. Issued 3-8-27. (38)
- 1,620,215; Langer Julius. Fire bridge. Issued 3-8-27. (28)
- 1,620,245; Turner Albert Wilhelm. Device for closing the air bladders of sport balls of any kind. Issued 3-8-27. (28)
- 1,620,257; All. Lindstrom Carl A G. Talking machine. Issued 3-8-27. (28)
- 1,620,273; Mayer Karl. Turntable. Issued 3-8-27. (6)
- 1,620,449; All. Luftschiffbau Zeppelin. GESmbH. Airship. Issued 3-8-27. (28)
- 1,620,462; All. Luftschiffbau Zeppelin. GmbH. Controlling device for ballast containers in airships. Issued 3-8-27. (28)
- 1,620,496; Spieckermann Karl. Iron contact rail with copper insert. Issued 3-8-27. (28)
- 1,620,507; All. Luftschiffbau Zeppelin. GmbH. Hull construction of rigid airships. Issued 3-8-27. (28)
- 1,620,599; Fust Robert. Arrangement for removing secretions from dental canals by suction. Issued 3-8-27. (28)
- 1,620,620; Alfani Guido et al.; Mazza Leandro. Selector for automatic telephone exchanges. Issued 3-15-27. (38)
- 1,620,640; Friedrich Kurt Karl. Collapsible lantern. Issued 3-15-27. (28)



- 1,620,711; Barbieri Angelo. Perforating apparatus. Issued 3-15-27. (38)
- 1,620,942; Brasa Italo. Typewriter. Issued 3-15-27. (38)
- 1,621,133; Rottloff Oswin. Stocking with longitudinal and transverse reinforcements. Issued 3-15-27. (28)
- 1,621,136; Saupe Ernst. Axeless loop wheel for circular knitting machines. Issued 3-15-27. (28)
- 1,621,139; All. Kammer and Reinhardt A G Dolls eyes with locking mechanism. Issued 3-15-27. (28)
- 1,621,143; Vogel Hans Edgar Richard. Process for bringing about physical and chemical changes in dielectric carbon compounds by means of ionized gases. Issued 3-15-27. (28)
- 1,621,145; Weber Carl Otto. Feeding device for grinding, milling or boring machines and the like. Issued 3-15-27. (28)
- 1,621,147; Winnertz Peter Ernst. Manufacturing hollow bodies from pulp fiber. Issued 3-15-27. (28)
- 1,621,153; Bunnenberg Helene. Galter. Issued 3-15-27. (28)
- 1,621,158; Edelmann Oskar. Spinning machine. Issued 3-15-27. (28)
- 1,621,168; Klüber Theodor. Towing device with safety device against capsizing for tugs. Issued 3-15-27. (28)
- 1,621,287; All. Speidel Chain Co. Chain. Issued 3-15-27. (28)
- 1,621,347; Biemer Heinrich. Padlock. Issued 3-15-27. (28)
- 1,621,409; Horn Heinrich. Manufacture of cocoa chocolate and the like. Issued 3-15-27. (28)
- 1,621,429; Petersen Waldemar. Series wound machine with additional excitation in bridge connection. Issued 3-15-27. (28)
- 1,621,477; Pilates Joe. Gymnastic apparatus. Issued 3-15-27. (28)
- 1,621,498; Drager Alexander Bernhard. Check valve for respirating apparatus. Issued 3-22-27. (28)
- 1,621,502; Freund Saly et al., Stauffer Bertram. Goldbeater's foil. Issued 3-22-27. (28)
- 1,621,505; All. Schmidt Sche Heissdampf. GmbH. Steam generator. Issued 3-22-27. (28)
- 1,621,521; Cappa Giulio Cesare. Means for cooling the valve stems and seats in internal combustion engines. Issued 3-22-27. (38)
- 1,621,522; Cappa Giulio Cesare. Valve gear for internal combustion engines. Issued 3-22-27. (38)
- 1,621,525; Corsi Luigi. Heavy oil internal combustion engines. Issued 3-22-27. (38)
- 1,621,670; All. Lindstrom Carl A G. Bound box diaphragm for use in telephones, loud speaker acoustic apparatus. Issued 3-22-27. (28)
- 1,621,907; Schuh Anton. Sealing means. Issued 3-22-27. (39)
- 1,621,926; Fujimoto Ukichi. X-ray tube. Issued 3-22-27. (39)
- 1,621,967; Butz Arthur. Safety plate against burning during cooking. Issued 3-22-27. (28)
- 1,621,987; Kasantzeff Florentin. Air brake for railways. Issued 3-22-27. (28)
- 1,621,991; Mayer Emil. Device for determining photographic exposures. Issued 3-22-27. (6)
- 1,622,062; All. Speidel Firm F R. Unsoldered hook element for watch bracelets. Issued 3-22-27. (28)
- 1,622,065; Symanzik Franz. Thrust ball bearing. Issued 3-22-27. (28)
- 1,622,071; Urban Bruno sr. House construction of tubes or tubular members. Issued 3-22-27. (28)
- 1,622,126; Wecker Ernst. Process for separating volatile substances. Issued 3-22-27. (28)
- 1,622,129; All. Riedel IDAG. Barbituric acid and process of making same. Issued 3-22-27. (28)
- 1,622,206; All. I. G. Farbenindustrie A G. Production of phosphorus pentoxide. Issued 3-22-27. (28)
- 1,622,260; All. Industriebedarf GmbH. Linen boiler. Issued 3-22-27. (28)
- 1,622,263; Schoeller Alfred. Electric cigar lighter. Issued 3-22-27. (28)
- 1,622,264; Streit Max. Change spur gearing. Issued 3-22-27. (28)
- 1,622,337; Naske Carl. Kiln for the burning of cement. Issued 3-29-27. (28)
- 1,622,364; Barbieri D'Angelo. Combined electric pianoforte and organ. Issued 3-29-27. (38)
- 1,622,372; Gluud Wilhelm. Process for the manufacture of hydrocyanic acid. Issued 3-29-27. (28)
- 1,622,375; All. Dusseldorfer Werk Zeugmaschinen. Head spindle stock guide. Issued 3-29-27. (28)
- 1,622,378; All. Universelle Cigarettenmaschinen. Rod cigarette machine. Issued 3-29-27. (28)
- 1,622,399; Schiesinger Georg. Bobbin bin and shelf therefor. Issued 3-29-27. (28)
- 1,622,629; Ehrlich Adolf. Aircraft with swinging wings. Issued 3-29-27. (34)
- 1,622,690; All. I G Farbenindustrie A G. Manufacture of azo dyestuffs derived from 2 hydroxynaphthalene 3 carboxylic acid arylamides. Issued 3-29-27. (28)
- 1,622,773; Fahnenschmidt Hans. Screw connection for siphons of washbasins, fountains and the like. Issued 3-29-27. (28)
- 1,622,810; Scharffe Carl Adolph. Liquid dispensing apparatus. Issued 3-29-27. (28)
- 1,622,876; Leo Hermann. Air pump. Issued 3-29-27. (28)
- 1,622,890; Thiel Anton Schmidt Willy et al. Apparatus for measuring limbs. Issued 3-29-27. (28)
- 1,622,893; Walker Carl. Raising fillet for raising machines. Issued 3-29-27. (28)
- 1,622,896; Lowenstein Karl Printz Zu. Device for drilling or chiseling away rock. Issued 3-29-27. (28)
- 1,622,911; All. Burgmann Feodor Firm. Packing of rotary shafts. Issued 3-29-27. (28)
- 1,622,931; Walcker Apul. Organ. Issued 3-29-27. (28)
- 1,622,939; All. Magnet Werk GmbH Eisenach. Electromagnetic friction clutch. Issued 3-29-27. (28)
- 1,623,008; Hirschmuller Albert. Spinning machine. Issued 3-29-27. (28)
- 1,623,016; Christel Carl. Device for cleaning matrices of type setting and casting machines. Issued 3-29-27. (28)
- 1,623,059; Lammine Theodor. Method of manufacturing seamless wrought iron annealing boxes. Issued 4-5-27. (28)
- 1,623,085; Bartels Amandus Mlech Otto et al. Manufacture of shaped articles of casein. Issued 4-5-27. (28)
- 1,623,123; Lage Ernst August. Process for producing colored photographs, positive prints on paper or the like. Issued 4-5-27. (28)
- 1,623,175; Friedel Otto Bruno. Musical instrument. Issued 4-5-27. (28)
- 1,623,289; Vezzani Alberto. Cartridge for fire extinguishers. Issued 4-5-27. (38)
- 1,623,311; Hodecker Wilhelm. Method of manufacturing double walled glass vessels. Issued 4-5-27. (28)
- 1,623,539; Horten Alphons. Apparatus for forming concrete pipes. Issued 4-5-27. (28)
- 1,623,564; All. Wezel and Naumann AG. Advertising panel or decorative wall covering. Issued 4-5-27. (28)
- 1,623,569; All. Reiniger Gebbert and Schall AG. Apparatus for supplying electric current to vacuum tubes. Issued 4-5-27. (28)
- 1,623,648; Karl Wolff. Motor vehicle ignition and lighting system. Issued 4-5-27. (28)
- 1,623,653; All. Luftschiffbau Zeppelin GmbH. Gas inflated airship. Issued 4-5-27. (28)
- 1,623,660; De Grahl Gustav. Feed valve for locomotives. Issued 4-5-27. (28)
- 1,623,663; All. Luftschiffbau Zeppelin GmbH. Gas cell protection for airships. Issued 4-5-27. (28)
- 1,623,664; Eschbach Wilhelm. Explosive cap. Issued 4-5-27. (28)
- 1,623,680; All. Luftschiffbau Zeppelin GmbH. Outer cover on rigid airships. Issued 4-5-27. (28)
- 1,623,681; All. Luftschiffbau Zeppelin GmbH. Outer cover of rigid airships. Issued 4-5-27. (28)
- 1,623,705; All. Flexo Industrie GmbH. Chuck. Issued 4-5-27. (6)
- 1,623,754; All. Finckh Apparate GmbH DR. Food preserving jar. Issued 4-5-27. (28)
- 1,623,858; Wohl Paul Josef. Treatment of gut. Issued 4-5-27. (28)
- 1,623,951; All. Luftschiffbau Zeppelin GmbH. Airship frame. Issued 4-5-27. (28)
- 1,623,952; All. Luftschiffbau Zeppelin GmbH. Stabilizing apparatus for rigid airships. Issued 4-5-27. (28)
- 1,623,971; All. Standard Compositor AG. Matrix setting and line casting machine. Issued 4-12-27. (28)
- 1,623,995; All. Wanderer Werke Vorm Winkelhofer and. Apparatus for driving typewriters provided with calculating mechanism. Issued 4-12-27. (28)
- 1,624,014; All. Niederbayerische Cellulosewerke. Apparatus for vaporizing liquids. Issued 4-12-27. (28)
- 1,624,025; Tessky Karl. Clutch. Issued 4-12-27. (28)
- 1,624,141; All. Kruckenberg Franz. Braking arrangement for high speed suspension railways. Issued 4-12-27. (28)
- 1,624,301; Masaji Yokoyama. Electrically operated automatic winding device. Issued 4-12-27. (39)
- 1,624,413; All. Lanz Heinrich AG. Fuel admission device for heavy oil. Issued 4-12-27. (28)
- 1,624,437; Savio Ignazio. Dinner table on ships. Issued 4-12-27. (38)
- 1,624,448; Ungerer Karl Friedrich. Rolling machine. Issued 4-12-27. (28)
- 1,624,521; All. Maschinentabrik Walter and Kuffer. Harrow. Issued 4-12-27. (28)
- 1,624,554; Kovacs Theodor. Reservoir pen. Issued 4-12-27. (28)
- 1,624,586; Czako Lazzlo. Means for holding films in spaced coil forms. Issued 4-12-27. (34)
- 1,624,588; All. Ottensener Waagenfabrik Albert. Weighing scale. Issued 4-12-27. (28)
- 1,624,664; Jagenberg Emil. Filling and packing machine. Issued 4-12-27. (28)
- 1,624,674; Pollak Alfred. Process of producing lactic acid from sugar containing raw materials by means of lactic acid bacteria. Issued 4-12-27. (6)
- 1,624,733; All. Optische Anstalt C. P. Goerz A G. Periscope more particularly for submarines. Issued 4-12-27. (28)
- 1,624,746; Kumpmann Karl. Automatic machine for making the heads of slotted wooden or iron screws. Issued 4-12-27. (28)
- 1,624,786; Gerber Bernhard. Device for cleaning pipe lines. Issued 4-12-27. (28)
- 1,624,790; Klaffen Berthold. Thermostat. Issued 4-12-27. (28)
- 1,624,810; Suida Hermann. Process for the concentration of dilute acetic acid. Issued 4-12-27. (6)
- 1,624,811; Suida Hermann. Concentration of dilute acetic acid. Issued 4-12-27. (6)
- 1,624,812; Suida Hermann. Method of concentrating dilute acetic acid. Issued 4-12-27. (6)
- 1,624,815; Toennessen Ernst. Four cylinder drawhead. Issued 4-12-27. (28)
- 1,624,884; Barth Friedrich Felix. Spool for sewing machines. Issued 4-12-27. (28)

- 1,624,898; All. Anker Werke A G. Thread tightener. Issued 4-12-27. (28)
- 1,624,901; Schwieger Adolf. Tin with tightly closing cover. Issued 4-12-27 (28)
- 1,624,902; Sprick Herbert. Nut tapping machine. Issued 4-12-27. (28)
- 1,624,988; Sleckmann Karl. Crane. Issued 4-19-27. (28)
- 1,625,029; Junkers Hugo. Erection of wings and the like for flying machines. Issued 4-19-27. (28)
- 1,625,082; Helbig Friedrich. Method of heating furnaces. Issued 4-19-27 (28)
- 1,625,117; Gollert Reinhold. Manufacture of semisolid rubber tires. Issued 4-19-27 (28)
- 1,625,123; Horten Alphons. Device for the production of concrete pipes and especially for devices for applying the concrete. Issued 4-19-27 (28)
- 1,625,356; All. Herzog Carl. Aseptic lighting torch. Issued 4-19-27. (28)
- 1,625,362; Hese Erich. Sanding device for power vehicles. Issued 4-19-27 (28)
- 1,625,372; Manni Menotti. Pneumatic connecting device. Issued 4-19-27. (38)
- 1,625,435; Stein Gerhard. Pot for glass melting furnaces. Issued 4-19-27. (28)
- 1,625,509; Togami Nobufumi. Electromagnetic switch. Issued 4-19-27. (39)
- 1,625,511; Ungerer Karl Friedrich. Shaft coupling. Issued 4-19-27. (28)
- 1,625,527; Demnitz Albert. Pneumatic sole laying machine. Issued 4-19-27. (28)
- 1,625,567; All. Siemens Schuckertwerke GmbH. Device for neutralizing the higher harmonics in high voltage line plants. Issued 4-19-27. (28)
- 1,625,596; Fornaca Guido. Speed reducer for internal combustion engines. Issued 4-19-27. (38)
- 1,625,597; Fornaca Guido. Forced feed internal combustion engine. Issued 4-19-27. (38)
- 1,625,632; Stumpf Johann. Valve gear for steam engines. Issued 4-19-27. (28)
- 1,625,650; Gottmanns Karl. Method of machining double conical work pieces. Issued 4-19-27. (28)
- 1,625,675; Noishiki Yoshitoshi. Electrical instrument for medical treatment. Issued 4-19-27. (39)
- 1,625,720; All. Hesser Fr Maschinenfabrik A G. Closing parcels. Issued 4-19-27. (28)
- 1,625,722; All. Heidenreich & Harbeck. Bevel wheel shaping device operating by rolling movements. Issued 4-19-27. (28)
- 1,625,760; All. Deutsche Werke A G. Alternating current motor. Issued 4-19-27. (28)
- 1,625,772; Moller Gustav. Sack closure. Issued 4-19-27. (28)
- 1,625,777; Kuchen Nicolaus. Brake for vehicles. Issued 4-19-27. (28)
- 1,625,794; Christlein Paul et al; Werner Karl. Pump having rolling pistons working in nuts. Issued 4-26-27. (28)
- 1,625,914; Selbt Georg. Method of making thin metal shapes. Issued 4-26-27. (28)
- 1,625,933; All. Magnet Werke GmbH. Eisenach. Friction body for multiple disk clutches and the like. Issued 4-26-27. (28)
- 1,625,967; Von Mihaly Denes. Phototelegraphic apparatus. Issued 4-26-27. (34)
- 1,626,097; Saikawa Sakuhei. Arrangement for transforming direct current voltage. Issued 4-26-27. (39)
- 1,626,115; Egersdorfer Fritz. Rotary pump. Issued 4-26-27. (28)
- 1,626,199; Kesselring Fritz. Dynamo electric machine. Issued 4-26-27. (28)
- 1,626,217; Tauschek Gustav. Punching machine. Issued 4-26-27. (6)
- 1,626,337; Haenicke Arthur. Means for attaching buttons to cards. Issued 4-26-27. (28)
- 1,626,338; Heublein Wilhelm Oskar. Ampulla composed of several compartments adapted for the purpose of radiotherapeutics. Issued 4-26-27. (28)
- 1,626,358; Rower Heinrich et al; Rower Fritz. Attachment for plows. Issued 4-26-27. (28)
- 1,626,384; Boge Adolf. Latch lock. Issued 4-26-27. (28)
- 1,626,481; Roeder Julius et al; Wellmann Wilhelm. Method of rolling tubes. Issued 4-26-27. (28)
- 1,626,524; Gedian Paul et al; Schwade Karl. Device for the electrical welding of seamed tubes. Issued 4-26-27. (28)
- 1,626,529; Hanel Max. Bail securing means. Issued 4-26-27. (28)
- 1,626,533; All. Mittelland Gummiwerke A G. Figure of animate objects. Issued 4-26-27. (28)
- 1,626,536; Janzen Otto. Bearing for movements and driving gears. Issued 4-26-27. (28)
- 1,626,537; All. Sprenger Dr. Otto Patenverwertung. Variable condenser. Issued 4-26-27. (28)
- 1,626,543; Lauenstein Otto. Wrapping device for irregularly shaped delicate objects. Issued 4-26-27. (28)
- 1,626,553; Radtke Albert. Portable tree felling saw. Issued 4-26-27. (28)
- 1,626,558; All. Boehringer C F. Soehne GmbH. Art of making bisalkyl xanthogens. Issued 4-26-27. (28)
- 1,626,562; Silten Ernst. Process for making therapeutic materials. Issued 4-26-27. (28)
- 1,626,563; Simon Friedrich. Parachute. Issued 4-26-27. (28)
- 1,626,579; Baumgarten Crusius Carl Arthur. Process for obtaining a culture mixture for fertilizer production. Issued 4-26-27. (28)
- 1,626,816; Grether Carl. Brush. Issued 5-3-27. (28)
- 1,626,847; All. Baumgartner Dr. Katz & Co. GmbH. Apparatus for the manufacture of hollow bodies from fibrous pulp. Issued 5-3-27. (28)
- 1,626,912; Albert Brand. Machine for printing ampulle. Issued 5-3-27. (28)
- 1,626,937; Kaufmann Arno. Necktie holder. Issued 5-3-27. (28)
- 1,627,001; Yokoyama Masaji. System of unifying a group of clocks. Issued 5-3-27. (39)
- 1,627,037; Kampf Adolf, Krunewalder Karl. Method of loosening parallel fiber bunches by the wet process. Issued 5-3-27. (28)
- 1,627,039; Krauss Friedrich Emil. Portable fire extinguisher. Issued 5-3-27. (28)
- 1,627,073; Arnold Carl. Motor mechanism for toy boats. Issued 5-3-27. (28)
- 1,627,091; All. Boehringer C H. Sohn Chemische Fabrik. Making keto and aldo alphatic carboxylic acids. Issued 5-3-27. (28)
- 1,627,104; All. Eternit Pietra Artificiale S A. Apparatus for the manufacture of tubes of cement asbestos or similar substances. Issued 5-3-27. (38)
- 1,627,112; Parodi Achille. Apparatus for cleaning potteries and the like. Issued 5-3-27. (28)
- 1,627,126; Tamini Mario. Driving arrangement for machines installed on automobiles. Issued 5-3-27. (38)
- 1,627,129; Unrath Gotthilf. Apparatus for washing refuse containing precious metal. Issued 5-3-27. (28)
- 1,627,144; All. Koep Rudolph & Co. Process for the production of hydrocyanic acid. Issued 5-3-27. (28)
- 1,627,169; All. Hesser F R. Maschinenfabrik A G. Machine for manufacturing filling and closing packages. Issued 5-3-27. (28)
- 1,627,227; Balke Paul et al; Leysieffer Bustav. Phonographic record. Issued 5-3-27. (28)
- 1,627,295; Schufftan Eugen. Method and apparatus for making composite motion pictures. Issued 5-3-27. (28)
- 1,627,342; Sabalitschka Theodor. Process of preserving food for men or animals. Issued 5-3-27. (28)
- 1,627,359; Truttwin Hans. Metal iodide alkali iodide compounds suitable for use in therapeuti and process for manufacturing them. Issued 5-3-27. (6)
- 1,627,365; Werlitz Arthur. Sounding figure. Issued 5-3-27. (28)
- 1,627,425; Bosshardt Edwin. Open hearth furnace. Issued 5-3-27. (28)
- 1,627,704; Izawa Ritschiro. Bristle pointing device. Issued 5-10-27. (39)
- 1,627,724; Bildstein Paul, et al; Seidel Emil. Device for stopping railway trains independently of the driver. Issued 5-10-27. (28)
- 1,628,039; Fanella Carlo. Musical appliance. Issued 5-10-27. (38)
- 1,628,090; Weiss Johannes. Sound insulating plate, sheet or slab. Issued 5-10-27. (28)
- 1,628,385; Bauer Bruno. Casing or mold box for concrete beams or ties. Issued 5-10-27 (6)
- 1,628,457; Franz Josef. Cop tube. Issued 5-10-27. (28)
- 1,628,492; Dobrowolski Nikolaus, et al; Gunther Otto. Driving gear for locomotives equipped with internal combustion engines. Issued 5-10-27. (28)
- 1,628,522; Vershofen Wilhelm. Process for the production of ceramic products. Issued 5-10-27. (28)
- 1,628,546; Koch August Wilhelm. Fertilizer distributing machine. Issued 5-10-27. (28)
- 1,628,558; Schulz Josef. Sheet metal casing for photographic films. Issued 5-10-27. (28)
- 1,628,560; Siegfried Wilhelm. Pin ticket. Issued 5-10-27. (28)
- 1,628,595; All. Kruckenberg Franz. Car for high speed suspension railways. Issued 5-10-27. (28)
- 1,628,625; Tammeo Aldo. Wing structure for aircraft. Issued 5-10-27. (38)
- 1,628,753; Storck Walter. Grinding device. Issued 5-17-27. (28)
- 1,628,794; Martignoni Luigi. Therapeutical apparatus. Issued 5-17-27. (38)
- 1,628,837; Gebers Friedrich. Propelling mechanism for ships. Issued 5-17-27. (6)
- 1,629,077; Holken Martin, Sr. Production of fodder. Issued 5-17-27. (28)
- 1,629,089; Beckmann Johannes. Explosion proof fitting for electric glowlamps. Issued 5-17-27. (28)
- 1,629,167; Krantz Hermann. Means for drying textile materials. Issued 5-17-27. (28)
- 1,629,192; Winzenburg Wilhelm et al; Noack Friedrich. Reflector lamp for diaprojection for cinematography. Issued 5-17-27. (28)
- 1,629,199; Bosslet Albert. Box of bricks for building rooms inclosed by walls. Issued 5-17-27. (28)
- 1,629,200; Buhtz Ernst. Method of and apparatus for carrying out chemical reactions or physical processes. Issued 5-17-27. (28)
- 1,629,205; All. Spezial Werkzeug Fabrik GmbH. Wrench with head hinged on the shaft and with reversible ratchet mechanism. Issued 5-17-27. (28)
- 1,629,206; Dollmann Hans. Driving means for electrolocomotives. Issued 5-17-27. (28)
- 1,629,210; Feroldi Enrico. Carburetor. Issued 5-17-27. (38)
- 1,629,214; Istringhaus Hugo. Button making machine. Issued 5-17-27. (28)
- 1,629,220; All. Patent Treuhand Elektrische. Machine for drilling drawing dies. Issued 5-17-27. (28)
- 1,629,224; Mohr Heinrich. Buffer for railway and like cars. Issued 5-17-27. (28)
- 1,629,227; Ruspoli Fabrizio. Maneuver indicator. Issued 5-17-27. (38)
- 1,629,241; Ubbelohde Leo. Process of treating fibers for spinning purposes. Issued 5-17-27. (28)



- 1,629,254; Carbone Tito Livio Dec. Flame arc lamp with inclosed arc. Issued 5-17-27. (28)
- 1,629,324; All. Neufeldt & Kuhnke. Relay armature suspension. Issued 5-17-27. (28)
- 1,629,359; Pause Ernst. Device for effecting a sterile closure for preserve containers. Issued 5-17-27. (28)
- 1,629,374; Avorio Luigl. Balloon capable of being employed as a captive observation balloon and as a dirigible. Issued 5-17-27. (38)
- 1,629,378; Cantono Eugenio. Shock preventing device for vehicles. Issued 5-17-27. (38)
- 1,629,417; Schmitz Alwin. Press for pressing hollow bronze objects. Issued 5-17-27. (28)
- 1,629,421; Stickdorn Robert. Flush device for water closets. Issued 5-17-27. (28)
- 1,629,437; Curti Ernesto. Apparatus for generating controlling and utilizing air currents. Issued 5-17-27. (38)
- 1,629,451; All. Beckel Friedrich Fabriken fur Lubrication for screw making and turning lathes. Issued 5-17-27. (28)
- 1,629,535; All. Maschinenfabrik A G Augsburg RG Nuernberg. Two stroke internal combustion engine. Issued 5-24-27. (28)
- 1,629,551; Stollberg Carl. Coupling for railway cars. Issued 5-24-27. (28)
- 1,629,572; Geiger Eugen. Rotating endless screen belt for the mechanical purification of water. Issued 5-24-27. (28)
- 1,629,640; All. Stotz GmbH Aby Der Brown Boveri Cie A G. Automatic Electric Circuit breaker. Issued 5-24-27. (28)
- 1,629,699; All. Goldschmidt A G Th. Process of improving aluminum alloys. Issued 5-24-27. (28)
- 1,629,715; Lenhardt Fritz. Resilient wheel. Issued 5-24-27. (28)
- 1,629,896; Valerius Johann. Push button switch. Issued 5-24-27. (28)
- 1,629,974; Russo Gioacchino. Optical apparatus as photographic camera for reproducing the objects with their natural colors. Issued 5-24-27. (38)
- 1,629,996; Delders Heinrich. Rail butt connection with fish plate. Issued 5-24-27. (28)
- 1,630,156; All. Atlas Werke Pohler and Co. Device for charging and discharging compressed air containers. Issued 5-24-27. (28)
- 1,630,202; All. Lechler Firm Paul. Method of coating gasometers. Issued 5-24-27. (28)
- 1,630,395; All. Deutsche Maschinenbu und Vertriebs. Duplicating apparatus. Issued 5-31-27. (28)
- 1,630,397; Marul Hyokichi. Fan. Issued 5-31-27. (39)
- 1,630,408; Rosenthal Hans. Gas pressure regulator. Issued 5-31-27. (28)
- 1,630,424; All. Felton & Guillaume Carls-werk A G. Process for the production of insulating paper containing phenolresins. Issued 5-31-27. (28)
- 1,630,448; All. Giockenstahlwerke AG Vorm Rich. Steel alloy. Issued 5-31-27. (28)
- 1,630,485; Gerdtz Gustav F. Determining critical temperature. Issued 5-31-27. (28)
- 1,630,535; Maul Hans. Pneumatic tire. Issued 5-31-27. (28)
- 1,630,630; Nishida Sukejiro. Governor for phonographs. Issued 5-31-27. (39)
- 1,630,689; Behm Alexander. Method for ascertaining the flying height of flying machines. Issued 5-31-27. (28)
- 1,630,771; Thoma Eugene. Process of soldering articles. Issued 5-31-27. (28)
- 1,630,886; Beyer Albert. Driving wheel. Issued 5-31-27. (28)
- 1,630,945; Jacobowitz Adolf. Cutting disk for high speed friction saws. Issued 5-31-27. (28)
- 1,631,047; Meyer Hermann. Boat. Issued 5-31-27. (28)
- 1,631,052; All. Metallbank und Metallurgische Ges AG. Process for the recovery of volatile solvents. Issued 5-31-27. (28)
- 1,631,058; All. Jos Pe Farvenphoto Ges Mit Be H. Apparatus for multiplex photography. Issued 5-31-27. (28)
- 1,631,388; Waschke Alexander. Gymnastic implement. Issued 6-7-27. (28)
- 1,631,410; Fornaca Guido. Valve mechanism for internal combustion engines. Issued 6-7-27. (38)
- 1,631,413; Gunther Albert et al; Gertloff Richard. Heat insulating bottle. Issued 6-7-27. (28)
- 1,631,420; Kloss Alex. Mud guard for vehicles. Issued 6-7-27. (28)
- 1,631,582; Demmel Paul. Device for milling polygonal holes. Issued 6-7-27. (28)
- 1,631,607; All. Siemens & Halske A G Wernerwerk. Hand telephone. Issued 6-7-27. (28)
- 1,631,654; Stoffel Oskar. Packing ring. Issued 6-7-27. (28)
- 1,631,692; Perogio Ello Adolfo. Felted fabric and process for the manufacture thereof. Issued 6-7-27. (38)
- 1,631,763; All. Siemens Schuckertwerke GmbH. Cooling electric machinery. Issued 6-7-27. (28)
- 1,631,783; Angelini Oreste. Arrangement for hydraulic internal reaction propulsion. Issued 6-7-27. (38)
- 1,631,815; Hildebrand Wilhelm. Brake accelerator for single chamber compressed air brakes. Issued 6-7-27. (28)
- 1,631,861; Hanschke Adelheid. Flying machine. Issued 6-7-27. (28)
- 1,631,866; Heurung Anton. Apparatus for producing and projecting cinematographic pictures. Issued 6-7-27. (28)
- 1,631,895; All. Luftschiffbau Zeppelin GmbH. Gas cell of rigid airships. Issued 6-7-27. (28)
- 1,631,908; All. Luftschiffbau Zeppelin GmbH. Rigid airship. Issued 6-7-27. (28)
- 1,631,911; Brahm Albert. Connecting nipple for cast iron heating boiler elements. Issued 6-7-27. (28)
- 1,631,930; All. Vereinigte Aluminumwerke A G. Method of improving aluminum alloys. Issued 6-7-27. (28)
- 1,631,950; All. Zimmermann & Jansen GmbH. Means of working blast heaters used in connection with blast furnaces. Issued 6-7-27. (28)
- 1,632,027; Heitmann Moritz Joseph. Emulsified solid grease. Issued 6-14-27. (28)
- 1,632,136; Ikeda Iwao. Method of measuring maximum current. Issued 6-14-27. (39)
- 1,632,199; All. Kuxmann and Co Komm A G. Machine for spreading artificial manure. Issued 6-14-27. (28)
- 1,632,287; Grassmann Peter. Loud speaker for wireless telephony and other purposes. Issued 6-14-27. (28)
- 1,632,290; All. Kollmorgen Hans. Instrument for the inspection of pipes canals and cavities of the human or animal body. Issued 6-14-27. (28)
- 1,632,304; All. Maurer Textile Maschinen GmbH. Pump for viscous liquids. Issued 6-14-27. (28)
- 1,632,307; All. Leprestre Rene. Peroxide of lead zinc and sulphuric acid accumulators. Issued 6-14-27. (38)
- 1,632,317; Schlegel Heinrich. Means for the production of building blocks. Issued 6-14-27. (28)
- 1,632,321; All. Soc Industria Globeite. Blood treating process. Issued 6-14-27. (38)
- 1,632,491; Matthiessen Paul et al; Moller Adolf Detlef. Floating dry dock. Issued 6-14-27. (28)
- 1,632,508; Schantz Carl. Method of preserving wood and the like. Issued 6-14-27. (28)
- 1,632,575; All. Siemens Schuckertwerke GmbH. Arrangement or system for the generation of steam. Issued 6-14-27. (28)
- 1,632,604; Kittl Theodor; Kemp Paul et al. Bearing metal. Issued 6-14-27. (6)
- 1,632,608; Krenzler Emil. Braiding machine. Issued 6-14-27. (28)
- 1,632,612; All. Wolf Georg GmbH. Gastro-scope. Issued 6-14-27. (28)
- 1,632,716; Schweigert Otto. Shoulder strap for ladies underwear. Issued 6-14-27. (28)
- 1,632,717; Stumpe Otto. Pocket stand. Issued 6-14-27. (28)
- 1,632,829; Fleissner Hans. Method of drying coal and the like. Issued 6-21-27. (6)
- 1,632,925; All. Schmidt Sche Heissdampf GmbH. Power plant for warships. Issued 6-21-27. (28)
- 1,632,942; Alma Maximilian et al; Alma Carl Egon. Repositioning device for swinging coupling heads on railroad vehicles. Issued 6-21-27. (6)
- 1,632,957; All. Schmidt Sche Heissdampf GmbH. Closure means for manhole openings in steam boilers. Issued 6-21-27. (28)
- 1,632,959; Gartner Richard Hans. Method for removing tetranitromethane from trinitrotoluene. Issued 6-21-27. (28)
- 1,632,975; Kempter Fritz. Kneading and mixing machine. Issued 6-21-27. (28)
- 1,632,984; All. Maschinenfabrik Augsburg Nuernberg. Double acting two stroke internal combustion engine. Issued 6-21-27. (28)
- 1,633,027; Kreissig Ernst. Spring supporting means and the like. Issued 6-21-27. (28)
- 1,633,111; Kovacs Theodor. Reservoir pen. Issued 6-21-27. (28)
- 1,633,131; Schoen Karl. Knockdown cofferdam. Issued 6-21-27. (28)
- 1,633,132; Schoenhofer Robert. Process for preparing a material for the manufacture of artificial stone and other stone or rock products. Issued 6-21-27. (28)
- 1,633,209; Henninger Albert Bertholdt. Steering gear for automobile vehicles. Issued 6-21-27. (28)
- 1,633,214; Kruckenberg Franz. Method for overcoming great differences of height with high speed passenger traffic. Issued 6-21-27. (28)
- 1,633,290; Sacerdote Secondo. Cooking stove with thermoelectric storage. Issued 6-21-27. (38)
- 1,633,307; All. Maschinenfabrik Moenus A G. Pegging machine. Issued 6-21-27. (28)
- 1,633,320; Franchetti Alessandro. Injector for mineral oil motors. Issued 6-21-27. (38)
- 1,633,383; Kubierschky Konrad et al; Schultze Willi. Fire extinguishing liquid. Issued 6-21-27. (28)

- 1,633,392; Boedecker Friedrich. Sedative and hypnotic ureides. Issued 6-21-27. (28)
- 1,633,422; All. Standard compositor A G. Matrix setting and line casting machine. Issued 6-21-27. (28)
- 1,633,466; Traxal Walther. Process of preparing stable colloidal solutions of silver. Issued 6-21-27. (6)
- 1,633,485; All. I G Farbenindustrie A G. Process of purifying alkali metal cyanide solutions containing sulphides. Issued 6-21-27. (28)
- 1,633,494; Neumann Ewald. Cooking utensil with hinged and removable lid. Issued 6-21-27. (28)
- 1,633,525; Girard Fritz. Reflector for quartz lamps. Issued 6-21-27. (28)
- 1,633,538; All. Quarzlampen GmbH. Lamp support. Issued 6-21-27. (28)
- 1,633,541; All. Deckel Friedrich Precisionsmechanik. Internal combustion engine. Issued 6-21-27. (28)
- 1,633,681; Schufftan Richard. Fastener Particularly for bandages. Issued 6-28-27. (28)
- 1,633,745; All. Muller Bruno. Talking machine. Issued 6-28-27. (28)
- 1,633,746; All. Stock Motorflug A G. Chain wheel for chain track drives. Issued 6-28-27. (28)
- 1,633,755; Wolkogon Wolynski Paul. Cutting machine. Issued 6-28-27. (28)
- 1,633,775; Esau Abraham. Antenna arrangement for short wave apparatus. Issued 6-28-27. (28)
- 1,633,836; Wustenhofer Julius. Safety catch for elevators lifts or the like. Issued 6-28-27. (28)
- 1,633,851; Durr Fritz. Internal combustion engine. Issued 6-28-27. (28)
- 1,633,896; Kovacs Theodor. Fountain pen. Issued 6-28-27. (38)
- 1,633,913; Wille Eduard. Screw cutter. Issued 6-28-27. (28)
- 1,633,946; All. Chemische Werke Vormals. Eyeglass. Issued 6-28-27. (28)
- 1,633,948; Nathansohn Alexander. Producing lead compounds of chromic acids. Issued 6-28-27. (28)
- 1,633,959; Smolczyk Eduard. Method for imparting to drying means a large superficial area. Issued 6-28-27. (28)
- 1,633,962; Toyoda Kiichiro. Shuttle changing apparatus for automatic looms. Issued 6-28-27. (39)
- 1,633,968; Zehmann Arthur. Sliding window. Issued 6-28-27. (28)
- 1,633,984; Fornaca Guido. Brake of the expanding shoe type. Issued 6-28-27. (38)
- 1,633,986; Greiner Richard. Artificial eye. Issued 6-28-27. (28)
- 1,633,999; Riesebeck Curt. Elastic tire. Issued 6-28-27. (28)
- 1,634,017; Cappa Giulio Cesare. Internal combustion engine with inclined cylinders. Issued 6-28-27. (38)
- 1,634,027; Honigmann Ludwig et al; Bartling Friedrich. Furnace for the heat treatment of pulverulent granular or pulpy material. Issued 6-28-27. (28)
- 1,634,040; Parenti Armando et al; Bolognini Giovanni. Machine for the manufacture of cork taps. Issued 6-28-27. (38)
- 1,634,079; Nishi Tsunegoro. Process of manufacturing wall boards composed of rice hulls and plaster. Issued 6-28-27. (39)
- 1,634,090; All. I G Farbenindustrie A G. Di acylacetyl arylendiamine and process of making same. Issued 6-28-27. (28)
- 1,634,210; Reisz Eugen. Diaphragmless microphone. Issued 6-28-27. (28)
- 1,634,220; All. Ansaldo S A. Internal structure for large submarines with twin screw propellers. Issued 6-28-27. (38)
- 1,634,249; Lindequist Sven. Explosion engine with four or more working cylinders. Issued 6-28-27. (28)
- 1,634,433; Ortloff Albin. Self supporting carriage body for motor driven vehicles. Issued 7-5-27. (28)
- 1,634,466; All. Kraft & Steudel Fabrik. Embossing appliance for photographs and the like. Issued 7-5-27. (28)
- 1,634,468; Muller Friedrich. Four cycle internal combustion engine working with an injection air compressor. Issued 7-5-27. (6)
- 1,634,526; All. Maffei J A Firm. Locomotive. Issued 7-5-27. (28)
- 1,634,545; Levy Robert. Lamp Shade. Issued 7-5-27. (28)
- 1,634,661; All. Sachs R GmbH. Contrivance for rolling zinc and other sheet metal hollow ware. Issued 7-5-27. (28)
- 1,634,685; All. Bing Werke Formerly Gebruder Bing. Childs typewriting machine. Issued 7-5-27. (28)
- 1,634,704; Brand Hermann. Water heater. Issued 7-5-27. (28)
- 1,634,716; Kasmaier Wilhelm. Drill socket. Issued 7-5-27. (28)
- 1,634,725; All. Bing Werke. Child's typewriting machine. Issued 7-5-27. (28)
- 1,634,726; Bing Werke. Child's typewriting machine. Issued 7-5-27. (28)
- 1,634,731; Werner Karl. Process of producing sand molds for moulding stone pattern plates. Issued 7-5-27. (28)
- 1,634,735; Bredig Georg et al; Elod Egon. Process for production of hydrocyanic acid. Issued 7-5-27. (28)
- 1,634,753; Menzel Martin. Molding machine. Issued 7-5-27. (28)
- 1,634,756; All. Bingwerke Vorm Gebr Bing A G. Toy. Issued 7-5-27. (28)
- 1,634,757; Schweitzer Wilhelm Helmut. Process of treating tussah silk. Issued 7-5-27. (28)
- 1,634,760; Thorner Walter. Apparatus for projecting multicolor images in cinematography. Issued 7-5-27. (28)
- 1,634,867; Borletti Romualdo. Pump. Issued 7-5-27. (38)
- 1,634,870; All. Continentale A G fur Chemie. Process for the production of ammonium chloride and alkali metal sulphate. Issued 7-5-27. (28)
- 1,634,906; Klenzle Herbert. Method and apparatus for making lantern wheels for clocks and other purposes. Issued 7-5-27. (28)
- 1,635,068; All. Magnet Werk Eisenach Spezialfabrik. Electromagnetically operated friction clutch. Issued 7-5-27. (28)
- 1,635,101; Von Hoff Carl. Oxygen respiratory apparatus. Issued 7-5-27. (28)
- 1,635,125; All. Grimme Natalis Co A G. Calculating machine. Issued 7-5-27. (28)
- 1,635,126; All. Sprenger Dr Otto Patentwertung. Apparatus for delivering measured quantities of a fluent material. Issued 7-5-27. (28)
- 1,635,136; Mollie Francois Ferdinand. Separation of caramels. Issued 7-5-27. (38)
- 1,635,195; All. Luftschiffbau Zeppelin GmbH. Gas valve for airships. Issued 7-12-27. (28)
- 1,635,235; Tober, Carl. Braiding machine. Issued 7-12-27. (28)
- 1,635,297; All. Hurwitz Hermann and Co. Transfer printing apparatus. Issued 7-12-27. (28)
- 1,635,299; All. Vogtlandische Maschinenfabrik Vorm. Multicolor rotary offset printing press. Issued 7-12-27. (28)
- 1,635,341; Pfersdorf Christian. Device for trying on shoes or boots. Issued 7-12-27. (28)
- 1,635,342; Piro Raffaele. Safety razor with rolling blade. Issued 7-12-27. (38)
- 1,635,384; Pacher Franz. Case hardening process for steel articles. Issued 7-12-27. (28)
- 1,635,527; Barthelmess Emil. Pneumatically fed crushing and sifting device. Issued 7-12-27. (28)
- 1,635,528; Bild Jakob. Packing prismatic articles. Issued 7-12-27. (6)
- 1,635,545; Drager Alexander Bernhard. Protective cover for breathing apparatus. Issued 7-12-27. (28)
- 1,635,548; All. Schmidtsche Heissdampf GmbH. Portable power plant utilizing steam at different pressures. Issued 7-12-27. (28)
- 1,635,561; All. Schmidtsche Heissdampf GmbH. Steam power plant for submarines. Issued 7-12-27. (28)
- 1,635,614; Gerling Ernst. Method of manufacturing the knives of razors. Issued 7-12-27. (28)
- 1,635,619; Happel Wilhelm. Method of manufacturing clothes pegs of wire. Issued 7-12-27. (28)
- 1,635,763; All. Rheinische Metallwaren und Gun sighting device. Issued 7-12-27. (28)
- 1,635,838; Haber Eugen. Heat exchanging element. Issued 7-12-27. (28)
- 1,635,840; Haw Jakob. Metal propeller. Issued 7-12-27. (28)
- 1,635,872; Wisniewski Vincent. Electric motor. Issued 7-12-27. (28)
- 1,636,120; Brandenberger Heinrich. Shaping or planing machine for worm or screw shaped bevel wheel operating according to the development method. Issued 7-19-27. (6)
- 1,636,138; Wilhelm Koppen et al; Pfeiffer Christian. Ball or tube mill. Issued 7-19-27. (28)
- 1,636,213; Cappa Giulio Cesare. Valve gear for explosion engines. Issued 7-19-27. (38)
- 1,636,214; Cappa Giulio Cesare. Head for explosion engines. Issued 7-19-27. (38)
- 1,636,230; Hontsch Walter. (Steam superheater of low pressure sectional boilers. Issued 7-19-27. (28)
- 1,636,270; Young Bernhard. Rotary retort. Issued 7-19-27. (28)
- 1,636,282; Boelcke Eugen Reinhold Carl. Method of manufacturing electric insulators. Issued 7-19-27. (28)
- 1,636,297; Fischbach Richard. Stop valve. Issued 7-19-27. (28)
- 1,636,313; Minuth Wilhelm G. Sinking shafts and boreholes. Issued 7-19-27. (28)
- 1,636,316; Noeske Georg. Swimming shoe. Issued 7-19-27. (28)
- 1,636,382; All. Armaturen und Maschinenfabrik. Firepump. Issued 7-19-27. (28)
- 1,636,406; All. Deckel Firm Friedrich Fabrik Fur. Stock Feed. Issued 7-19-27. (28)
- 1,636,484; Obermoser Albert. Band saw. Issued 7-19-27. (28)
- 1,636,515; John Alfred. Loom. Issued 7-19-27. (28)
- 1,636,676; Mack Richard. Electric welding apparatus. Issued 7-19-27. (28)
- 1,636,709; Schmidt Camilla. Method of providing cakes of soap with advertising matter. Issued 7-25-27. (28)
- 1,636,766; Drager Alexander Bernhard. Carrying device or belt for breathing apparatus particularly self rescuing apparatus. Issued 7-26-27. (28)
- 1,636,775; All. Schmidt Sche Heissdampf GmbH. Method of conveying steam through long distance pipe lines. Issued 7-26-27. (28)
- 1,636,777; Hoffmann Emil. Tensioning and locking device for wire binding mechanisms. Issued 7-26-27. (28)
- 1,636,780; All. Deutsche Maschinenbau und Vertriebs. Duplicator. Issued 7-26-27. (28)
- 1,636,788; Schleck Eduard. Electric steam boiler. Issued 7-26-27. (28)
- 1,636,860; Friedrich Karl. Method for the production of a cold glaze upon building material such as concrete sandstone clay brickwork and the like. Issued 7-26-27. (28)
- 1,636,864; All. Blechspielwarenfabrik Johann Distler. Mechanically moved toy. Issued 7-26-27. (28)
- 1,636,865; Krasselt Robert Oskar. Washing basin. Issued 7-26-27. (28)



- 1,636,866; Kutzer Adolf. Benzine and oil separator. Issued 7-26-27. (28)
- 1,636,868; Schlegel Werner. Door latch. Issued 7-26-27. (28)
- 1,636,869; Schaefer Karl August. Bracelet fastener. Issued 7-26-27. (28)
- 1,636,870; Scholl Heinrich. Foldable comb. Issued 7-26-27. (28)
- 1,636,871; Seibold Albert. Holder for balls of thread. Issued 7-26-27. (28)
- 1,636,893; Biberfeld Arthur. Ability game. Issued 7-26-27. (28)
- 1,636,953; Dreyer Otto. Thermal protective device for electric circuits. Issued 7-26-27. (28)
- 1,636,963; All. Maschinenfabrik Augsburg Nuernberg. Scaling means for use in gasometers, inclosing a vertically slidable body. Issued 7-26-27. (28)
- 1,636,989; Eickworth Regnier. Oven. Issued 7-26-27. (28)
- 1,636,999; Junkers Hugo. Liquid fuel furnace. Issued 7-26-27. (28)
- 1,637,006; All. Bergische Elektrizitats Ges Gebr. Fresh air heater for internal combustion engines. 7-26-27. (28)
- 1,637,016; Voglhut Franz. Process of replacing broken or molten holding wires inside of incandescent electric lamps. Issued 7-26-27. (28)
- 1,637,030; Thyssen Conrad. Method and means for feeding articles. Issued 7-26-27. (28)
- 1,637,091; Steinmetz Stefan. Process for the removal of the cerealins and drying of grain moistened for this purpose. Issued 7-26-27. (28)
- 1,637,167; All. Studiengesellschaft fur Wirtschaft. Electrical heating body for high temperatures especially for ceramic metallurgical processes and chemical processes. Issued 7-26-27. (28)
- 1,637,182; All. Thyssen & Co. A G. Rotor for electrical machines. Issued 7-26-27. (28)
- 1,637,189; Helberger Hugo. Powdered soap dispensing device. Issued 7-26-27. (28)
- 1,637,190; All. Magirus C D A G. Safety device for portable power operated fire escapes. Issued 7-26-27. (28)
- 1,637,191; All. Magirus C D A G. Automatic control for vehicle superstructures. Issued 7-26-27. (28)
- 1,637,197; All. Magirus C D A G. Mechanical ladder. Issued 7-26-27. (28)
- 1,637,243; Reisz Eugen. Nonresonant diaphragm. Issued 7-26-27. (28)
- 1,637,281; All. I. G. Farbenindustrie A G. Production of cobaltous acetate. Issued 7-26-27. (28)
- 1,637,283; All. Lorenz C A G. Means for frequency multiplication. Issued 7-26-27. (28)
- 1,637,304; All. Hesse E GmbH. Tramway switch construction. Issued 7-26-27. (28)
- 1,637,400; Von Kiraly Paul et al; Lovasz Josef. Automatic arm. Issued 8-2-27. (34)
- 1,637,409; Cauda Ernesto. Cinematic apparatus. Issued 8-2-27. (38)
- 1,637,415; Hoefelmayr Karl. Apparatus for preparing liquid milk from milk powder. Issued 8-2-27. (28)
- 1,637,425; Nagel August. Switch for electrical fuel feeding apparatus. 8-2-27. (28)
- 1,637,431; Vogelbusch Wilhelm. Concentrator for liquids. 8-2-27. (6)
- 1,637,597; Ulrich Gerardus Jacobus. Apparatus for cleaning collecting or separating gases. Issued 8-2-27. (28)
- 1,637,618; Kuintz Friedrich. Baking oven. Issued 8-2-27. (28)
- 1,637,659; Sacerdote Secondo. Thermoelectric oven. Issued 8-2-27. (38)
- 1,637,663; Stoeckicht Wilhelm. Shaft coupling. Issued 8-2-27. (28)
- 1,637,664; Stoeckicht Wilhelm. Change speed friction gearing. Issued 8-2-27. (28)
- 1,637,671; Zander Hermann. Oil press with disintegrating means. Issued 8-2-27. (28)
- 1,637,674; Barbieri Angelo. Electric musical recorder. 8-2-27. (38)
- 1,637,676; Von Bohuszewicz Oskar et al; Wilk Wilhelm C. Device for measuring the forces arising during turning on lathes and the like. Issued 8-2-27. (28)
- 1,637,678; Camilla Stefano et al; Pagliani Federico. Apparatus for cleaning peeling or shelling corn grains and the like. Issued 8-2-27. (38)
- 1,637,713; Schunemann Carl. Three color intaglio rotary printing press. Issued 8-2-27. (28)
- 1,637,716; Turck Eugen. Machine braided lace insertion and method of making the same. Issued 8-2-27. (28)
- 1,637,758; Wenz Jonathan. Chain making machine. Issued 8-2-27. (28)
- 1,637,774; All. Luftschiffbau Zeppelin GmbH. Gas inflated airship. Issued 8-2-27. (28)
- 1,637,776; All. Kruckenberg Franz. Arrangement for changing the machinery of high speed suspension. Issued 8-2-27. (28)
- 1,637,789; All. Luftschiffbau Zeppelin GmbH. Device for ground transportation of airships. Issued 8-2-27. (28)
- 1,637,830; Mammsdorff Woldemar. Potato peeling machine. Issued 8-2-27. (28)
- 1,637,877; Schellhaas George. Process for manufacturing solid cork bodies and the like. Issued 8-2-27. (28)
- 1,637,917; All. Optische Anstalt C P Goerz A G. Lens attachment for photographic objectives. Issued 8-2-27. (28)
- 1,637,964; All. Rheinische Metall Waaren und fuse for projectiles. Issued 8-2-27. (28)
- 1,637,972; Suida Hermann. Process for the production of ethyl chloride. Issued 8-2-27. (6)
- 1,638,000; Neumann Bruno. Appliance for bodily exercise. Issued 8-2-27. (28)
- 1,638,029; Guidi Maurizio. Roller bearing. Issued 8-9-27. (38)
- 1,638,060; All. Schlafhorst W and Co. Bobbin driving shaft for winding frames and its bearing arrangement. Issued 8-9-27. (28)
- 1,638,063; All. Grimme Natalis U Co A G. Lens cutting machine. Issued 8-9-27. (28)
- 1,638,079; All. Soc Italiana Ernesto Bredo. Steam turbine locomotive. Issued 8-9-27. (38)
- 1,638,082; Bruhl Paul. Grinding machine. Issued 8-9-27. (28)
- 1,638,121; All. I G Farbenindustrie A G. Process of producing ice colors on cotton. Issued 8-9-27. (28)
- 1,638,179; Artus Robert. Ice machine. Issued 8-9-27. (28)
- 1,638,332; Gobbato Vittorio. Mechanism for reproducing all the movements of the steps of quadrupeds. Issued 8-9-27. (38)
- 1,638,597; Schmidt Karl. Fire extinguisher. Issued 8-9-27. (28)
- 1,638,602; Stiebel Theodor. Mechanically driven type rod typewriter. Issued 8-9-27. (28)
- 1,638,669; All. Chemische A G. Produkte Vormals. Method of obtaining solidified granules or pearls from liquids. Issued 8-9-27. (28)
- 1,638,683; Demarchi Mario. Shield for use in the production of radiosopes or radiographs. Issued 8-9-27. (38)
- 1,638,717; Thieslac Emil. Die casting machine. Issued 8-9-27. (28)
- 1,638,729; Friedrich Wilhelm. Dry fire extinguisher. Issued 8-9-27. (28)
- 1,638,773; Lobe Fritz. Friction coupling. Issued 8-9-27. (28)
- 1,638,843; Gerber Wilhelm. Machine for stretching hanks or skeins. Issued 8-16-27. (28)
- 1,638,883; Schulz Fritz. Skinning knife. Issued 8-16-27. (28)
- 1,638,902; Wittlinger Richard. Method of making household articles. Issued 8-16-27. (28)
- 1,638,924; Endo Kotaro. Water tube boiler. Issued 8-16-27. (39)
- 1,638,999; All. Telegraphie GmbH System Stille. Magnet carrier for electromagnetic talking machines. Issued 8-16-27. (28)
- 1,639,049; Moegelin Erich. One way plow. Issued 8-16-27. (28)
- 1,639,060; All. Telegraphie GmbH System Stille. Magnetic talking dictating and like machine. Issued 8-16-27. (28)
- 1,639,088; All. Schmidtsche Heissdampf GmbH. Boiler for movable steam power plants. Issued 8-16-27. (28)
- 1,639,171; Fischer Ferdinand. Printing plate and method of production thereof. Issued 8-16-27. (28)
- 1,639,188; Kleinschmidt Emil. Process for the production of electrodes. Issued 8-16-27. (28)
- 1,639,201; Salinger Hans. Telegraph cable provided with loading coil. Issued 8-16-27. (28)
- 1,639,266; Moeller Karoline. Hand carrying device. Issued 8-16-27. (28)
- 1,639,277; All. Soc Italiana Ernesto Breda. Removable barrel mounting for automatic firearms. Issued 8-16-27. (38)
- 1,639,311; Schmitt Otto. Apparatus for making electrical mine igniters. Issued 8-16-27. (28)
- 1,639,386; Rumsch Emil. Safety device for steam mangles. Issued 8-16-27. (28)
- 1,639,392; Wittenberg Robert. Fastening device. Issued 8-16-27. (28)
- 1,639,405; Frohlich Fritz. Buttonhole sewing apparatus. Issued 8-16-27. (28)
- 1,639,443; Tauschek Gustav. Arrangement for sorting perforated cards used for statistics bookkeeping and the like. Issued 8-16-27. (6)
- 1,639,445; All. Siemens and Halske A G. Telephone system. Issued 8-16-27. (28)
- 1,639,459; Knochl, Leo. Spring hammer. Issued 8-16-27. (6)
- 1,639,475; Wieland Eberhard. Process for the production of articles and covers from resinous compositions. Issued 8-16-27. (28)
- 1,639,510; Kruger Richard. Extension table. Issued 8-16-27. (28)
- 1,639,610; All. Duisburger Kupferhutte. Recovery of copper zinc and other metals from solutions containing chlorides and sulphates. Issued 8-16-27. (28)
- 1,639,624; Woltzendorff Friedrich. Machine for cutting gears. Issued 8-16-27. (28)
- 1,639,702; Porak Waldemar. Moving picture projecting or peeping appliance. Issued 8-23-27. (6)
- 1,639,709; All. Still Carl Firm. Saturating receptacle. Issued 8-23-27. (28)
- 1,639,743; All. Borsig A GmbH. Valve. Issued 8-23-27. (28)
- 1,639,821; Vogel Max. Notebook. Issued 8-23-27. (28)
- 1,639,909; Suzuki Chujiro. Cereal swelling machine. Issued 8-23-27. (39)
- 1,640,001; Kolbe Viktor Max. Device for rendering advertisements luminous by the opening or closing of doors. Issued 8-23-27. (28)
- 1,640,003; Leysieffer Richard. Commercial inscribing and recording machine. Issued 8-23-27. (28)
- 1,640,096; Rosenstein Paul. Observation instrument. Issued 8-23-27. (28)
- 1,640,309; Buchholz Max. Protective system for electric apparatus. Issued 8-23-27. (28)
- 1,640,310; Buchholz Max. Protecting electric apparatus. Issued 8-23-27. (28)
- 1,640,313; Dommer Otto. Device for indicating and recording the specific gravity of gases. Issued 8-23-27. (28)
- 1,640,320; All. Konig Fritz & Co GmbH. Buffer for motor vehicles. Issued 8-23-27. (28)
- 1,640,502; Honigmann Ludwig et al; Bartling Friedrich. Distillation and coking of carbonaceous materials. Issued 8-30-27. (28)

- 1,640,510; Marconi Giuseppe. Photo printing press. Issued 8-30-27. (38)
- 1,640,513; Mobus Wilhelm. Cutting and work treating machine. Issued 8-30-27. (28)
- 1,640,649; Dickow Karl. Watering apparatus for cattle. Issued 8-30-27. (28)
- 1,640,650; Ehrhardt Paul Georg. Press ring washer. Issued 8-30-27. (28)
- 1,640,652; Falco Ferdinand. Process for the manufacture of pure barium carbonate. Issued 8-30-27. (28)
- 1,640,653; Geiger Eugen. Rotating endless screen belt for the mechanical purification of water. Issued 8-30-27. (28)
- 1,640,662; Lutschen Ewald. Drying cylinder for paper machines and textile goods drying machines. Issued 8-30-27. (28)
- 1,640,682; Wegner Hinrich Friedrich Wilhelm. Plowshare. Issued 8-30-27. (28)
- 1,640,761; Fejes Jenö. Cylinder block for internal combustion engines. Issued 8-30-27. (34)
- 1,640,802; All. I G Farbenindustrie A G. Process of producing combined shades on the vegetable fiber and in materials treated according to such process. Issued 8-30-27. (28)
- 1,640,811; Spitzenberg Georg Karl. Grubber or cultivator. Issued 8-30-27. (28)
- 1,640,832; Jacobowitz Adolf. High speed friction saw. Issued 8-30-27. (28)
- 1,640,891; Fritzel Hugo. Guide body for reaction rotors. Issued 8-30-27. (28)
- 1,640,898; All. Voigt Emil Karl Albert. Ornamental foot covering. Issued 8-30-27. (28)
- 1,640,907; All. Aachener Maschinen Bau GmbH. Blank feeding device for wire working machines. Issued 8-30-27. (28)
- 1,640,908; Shucker Karl Albert. Hearing shell. Issued 8-30-27. (28)
- 1,640,910; Schwanhausser Herbert et al; Schwanhausser Waldemar. Machine for polishing pencils and other rod shaped bodies. Issued 8-30-27. (28)
- 1,640,980; Caroni Italo. Bridge material. Issued 8-30-27. (38)
- 1,640,996; All. Kaspar Getreideschälmaschine GmbH. Machine for shelling and polishing grain and the like. Issued 8-30-27. (28)
- 1,641,013 All. Boehringer C H Sohn Chemische Fabrik. Baking powder. Issued 8-30-27. (28)
- 1,641,059; Tausch Ernst. Resilient ring element. Issued 8-30-27. (28)
- 1,641,074; All. Roth Buchner A G. Blade sharpener. Issued 8-30-27. (28)
- 1,641,089; All. Lechler Paul A Firm. Sealing material for gasometers. Issued 8-30-27. (28)
- 1,641,091; Minck Paul. Electrically driven spinning centrifugal apparatus. Issued 8-30-27. (28)
- 1,641,297; Shimada Minokichi. Typewriter. Issued 9-6-27. (39)
- 1,641,322; Czapek Emil et al; Weingand Richard. Process for the production of filmlike bands from cellulose solutions and similar initial materials. Issued 9-6-27. (28)
- 1,641,402; All. Goerz A G Optische anstalt C P. Spherically chromatically and astigmatically corrected three lens cemented objective. Issued 9-6-27. (28)
- 1,641,417; Duffing Georg. Lubricating device for axle bearings. Issued 9-6-27. (28)
- 1,641,525; Boessow Walter. Hockey game. Issued 9-6-27. (28)
- 1,641,535; De Noronha Joaquin. Overshoe. Issued 9-6-27. (28)
- 1,641,615; All. Rheinische Metallwaren und Maschinenfabrik. Calculating machine. Issued 9-6-27. (28)
- 1,641,771; Meiler Ludolf et al; Scholler Heinrich. Process for the production of glucose from materials containing cellulose. Issued 9-6-27. (28)
- 1,641,817; Knipping Hugo W. Process of and apparatus for ascertaining the change of gaseous matter in human bodies. Issued 9-6-27. (28)
- 1,641,867; Romanowicz Marian et al; Romanowicz Johann. Photographic film or plate pack. Issued 9-6-27. (6)
- 1,641,964; All. Ebro Vergaser GmbH. Apparatus for supplying combustible mixture to internal combustion engines. Issued 9-13-27. (28)
- 1,642,005; All. Luftschiffbau Zeppelin GmbH. Aircraft. Issued 9-13-27. (28)
- 1,642,009; All. Krupp Fried A G. Locking device for the drive of machines with printing or feeling mechanisms. Issued 9-13-27. (28)
- 1,642,026; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 9-13-27. (28)
- 1,642,098; Bey Wilhelm. Steam generator. Issued 9-13-27. (28)
- 1,642,112; Keppeler Johann. Loom for weaving with pile wires. Issued 9-13-27. (28)
- 1,642,114; Kirner Anton. Motion recording apparatus. Issued 9-13-27. (28)
- 1,642,118; Lindner Werner. Blasting bore closure. Issued 9-13-27. (28)
- 1,642,163; Lucke Hermann Friedrich Wilhelm. Device for reducing the pitching of ships. Issued 9-13-27. (28)
- 1,642,198; All. Lorenz C A G. High frequency furnace circuit. Issued 9-13-27. (28)
- 1,642,202; All. Lorenz C A G. Method of sending impulses for automatic telephone exchanges. Issued 9-13-27. (28)
- 1,642,206; Imhoff Karl. Apparatus for sewage treatment by activated sludge in combination with sludge digestion. Issued 9-13-27. (28)
- 1,642,210; Konemann Hermann Heinrich. Vacuum tube. Issued 9-13-27. (28)
- 1,642,243; Hinzler Heinrich. Cable supporting clamp. Issued 9-13-27. (28)
- 1,642,247; Krause Rudolf. Molding device for making concrete blocks. Issued 9-13-27. (6)
- 1,642,263; All. Bensa Felice. Process for manufacturing dinitro perylene quinone. Issued 9-13-27. (38)
- 1,642,303; Jacoby Hermann. Device for electrically exhibiting a danger signal on a locomotive. Issued 9-13-27. (28)
- 1,642,309; All. Soellner J B. Nachf. Process for the production of a weatherproof oxide layer on electron metal. Issued 9-13-27. (28)
- 1,642,314; Stecke Albert. Joint for wires and wire ropes. Issued 9-13-27. (28)
- 1,642,331; Bunse Fritz. Grain separator. Issued 9-13-27. (28)
- 1,642,335; Eilhauer Friedrich. Power weaving loom. Issued 9-13-27. (28)
- 1,642,342; Rubarth Joseph. Agricultural implement. Issued 9-13-27. (28)
- 1,642,343; Raimondi Francesco. Inductive limiting device for alternating currents. Issued 9-13-27. (38)
- 1,642,393; Westphal Christian et al; Grieger Richard. Method of building with concrete or the like and apparatus therefor. Issued 9-13-27. (28)
- 1,642,397; Buchholz Max. Method and means for protecting liquid insulated electric apparatus. Issued 9-13-27. (28)
- 1,642,403; Buchholz Max. Protection of liquid insulated electric apparatus. Issued 9-13-27. (28)
- 1,642,404; Buchholz Max. Protective system for liquid insulated electric apparatus. Issued 9-13-27. (28)
- 1,642,405; Buchholz Max. Electric protective system. Issued 9-13-27. (28)
- 1,642,406; Buchholz Max. System of protection of electric apparatus. Issued 9-13-27. (28)
- 1,642,407; Buchholz Max. System of protection of liquid insulated electric apparatus. Issued 9-13-27. (28)
- 1,642,408; Buchholz Max. Protecting liquid insulated electric apparatus. Issued 9-13-27. (28)
- 1,642,479; All. Wassmuth Alfred GmbH. Device for reducing the energy of flow of a flowing fluid. Issued 9-13-27. (28)
- 1,642,505; Nathan Alfred. Process of treating cheap skins in imitation of more expensive furs. Issued 9-13-27. (28)
- 1,642,538; Buchler Moric. Valve gear. Issued 9-13-27. (34)
- 1,642,585; All. Kali Industrie A G. Hoisting system for mines. Issued 9-13-27. (28)
- 1,642,596; Tebaldi Alessandro. Valve piston. Issued 9-13-27. (38)
- 1,642,597; Wikschrom Jakob. Machine for manufacturing nails from wire. Issued 9-13-27. (28)
- 1,642,615; All. I G Farbenindustrie A G. Manometer. Issued 9-13-27. (28)
- 1,642,717; Bieber Rudolf Johannes. Method of manufacturing receptacles. Issued 9-20-27. (28)
- 1,642,725; Frischmuth Ernst. Key for combination locks. Issued 9-20-27. (28)
- 1,642,754; Singer Felix. Stoneware of high resistance against the perforating power of electrical sparks and making the stoneware. Issued 9-20-27. (28)
- 1,642,757; Wlechmann Vittorio Emilio. Atomizer. Issued 9-20-27. (38)
- 1,642,763; Beyer Robert. Transmission mechanism. Issued 9-20-27. (38)
- 1,642,813; Haupt Ferdinand. Dumping car. Issued 9-20-27. (28)
- 1,642,815; Kirner Josef. Means for driving spindles. Issued 9-20-27. (28)
- 1,642,894; All. Universelle Cigaretten Maschinen. Machine for the manufacture of chocolate cigarettes. Issued 9-20-27. (28)
- 1,642,896; All. I G Farbenindustrie A G. Manufacture of fluorides. Issued 9-20-27. (28)
- 1,642,981; All. Schuette Lang Luftfahrzeugbau und. Pipe joint. Issued 9-20-27. (28)
- 1,643,018; Krantz Heinrich Krantz Fritz et al. Plant for fermenting and storing organic manure foodstuffs and the like. Issued 9-20-27. (28)
- 1,643,065; Falkenthal Erwin. Process and apparatus for mixing gases. Issued 9-20-27. (28)
- 1,643,074; Lavagnino Eduardo. Blind for shop fronts doors windows and the like. Issued 9-20-27. (38)
- 1,643,216; All. General Electric Co. Mercury vapor arc rectifier. Issued 9-20-27. (28)
- 1,643,249; All. Boessneck Ernst GmbH. Knitting machine. Issued 9-20-27. (28)
- 1,643,260; All. Fritz Adolf. Device for drilling filling and sealing hollow bodies. Issued 9-20-27. (28)
- 1,643,270; Greiner Max. Magneto electric automatic interrupter. Issued 9-20-27. (28)
- 1,643,272; All. Riebeck Hugo Montan und Olwerke A G. Process of refining mineral oils. Issued 9-20-27. (28)
- 1,643,273; Imhoff Karl. Fishpond with sewage supply. Issued 9-20-27. (28)
- 1,643,384; Klafke Albert. Lock for nuts and screw heads. Issued 9-20-27. (28)
- 1,643,408; Fornaca Guido. Pneumatic buffer for reciprocating machine members. Issued 9-27-27. (38)
- 1,643,449; All. Maschinenfabrik Kappel A G. Jacquard mechanism for embroidering machines. Issued 9-27-27. (28)
- 1,643,490; Lapp Wilhelm Graf Rudolph et al. Glass ampul serving as packing receptacle for surgical sewing material. Issued 9-27-27. (28)
- 1,643,503; All. Gebruder Steimel. Dairy machine. Issued 9-27-27. (28)
- 1,643,529; Von Arx Rudolf. Production of pictures by the transfer process. Issued 9-27-27. (28)



- 1,643,562; Kucharski Stanislaus. Keyboard musical instrument. Issued 9-27-27. (28)
- 1,643,565; Simon Alexander. High tension insulator. Issued 9-27-27. (28)
- 1,643,571; Bielefeldt Herman. Device for producing offset prints. Issued 9-27-27. (28)
- 1,643,618; Bruck Walther. Dentifrice compound. Issued 9-27-27. (28)
- 1,643,619; Claasen Walther. Process for the production of new ester mixtures. Issued 9-27-27. (28)
- 1,643,626; May Joseph. Apparatus for observing the variation of the sole treading surface when the foot is under load and not under load. Issued 9-27-27. (28)
- 1,643,635; All. Deckel Friedrich fur Präzisionsmechanik und Maschinenbaufabrik. Screw making and turning machine. Issued 9-27-27. (28)
- 1,643,685; Stahlecker Wilhelm. Spinning machine. Issued 9-27-27. (28)
- 1,643,719; All. Wolf GmbH Firm of Georg. Device for light treatment of tubes and cavities of the body. Issued 9-27-27. (28)
- 1,643,724; Rall Osterwalder Gustav. Folding umbrella. Issued 9-27-27. (28)
- 1,643,732; All. Wolf GmbH Firm Georg. Device for examining tubes and cavities in the body. Issued 9-27-27. (28)
- 1,643,800; Bergfeld Carl. Apparatus for transmitting the position of signals. Issued 9-27-27. (28)
- 1,643,839; Ehrlich Adolf. Tugboat moved by means of two limbed oars. Issued 9-27-27. (34)
- 1,643,844; Grab Carl. Air moistener. Issued 9-27-27. (28)
- 1,643,865; All. Georz A G Optische Anstalt C P. Photographic two lens objective. Issued 9-27-27. (28)
- 1,643,983; Di Cristiano Nunsio Riccardo. Apparatus to render possible the inhalation medicinal powders. Issued 10-4-27. (38)
- 1,644,054; All. Pracsionguss Fabrik Gebr Eckert. Automatic machine for casting metal under pressure. Issued 10-4-27. (28)
- 1,644,091; Schulze Max August Eduard. Closure for boxes trunks and the like. Issued 10-4-27. (28)
- 1,644,225; Barth Adolf. Syringe. Issued 10-4-27. (28)
- 1,644,267; All. Benzol Vervand GmbH. Alcohol alcohol containing mixtures and similar liquids. Issued 10-4-27. (28)
- 1,644,370; Gaschler Alois. Method of artificially producing radioactive substances. Issued 10-4-27. (28)
- 1,644,439; All. I G Farbenindustrie A G. Method and agent for drying gases. Issued 10-4-27. (28)
- 1,644,446; Rapp Bernhard. Shadow producing agent and process for making the same. Issued 10-4-27. (28)
- 1,644,454; Tiedemann Robert. Bearing and direction indicator with section map for vehicles. Issued 10-4-27. (28)
- 1,644,517; All. Gebr Bauman Maschinen und. Internal combustion engine. Issued 10-4-27. (28)
- 1,644,555; Wagenback Anton. Gripping device for bending machines. Issued 10-4-27. (28)
- 1,644,597; All. Deutsche Maschinenbar und Vertriebs. Flexible printing sheet. Issued 10-4-27. (28)
- 1,644,601; Nickel Albert Paul Hans Gerd et al Spanner Johannes Joachim. Vacuum discharge tube. Issued 10-4-27. (28)
- 1,644,819; All. I G Farbenindustrie A G. Ruler for calendering machines. Issued 10-11-27. (28)
- 1,644,821; Eckart Jacob. Container. Issued 10-11-27. (28)
- 1,644,896; Busekist Scharnweber Heinrich. Autogenous welding and electrode guiding machine. Issued 10-11-27. (28)
- 1,644,901; Stieglitz Konrad. Syringe with glass piston. Issued 10-11-27. (28)
- 1,644,953; Seyboth Fritz. Stepped furnace grate. Issued 10-11-27. (28)
- 1,644,966; Weski Oskar. Pressure bottle. Issued 10-11-27. (28)
- 1,645,031; Von Frommer Rudolf. Cartridge magazine. Issued 10-11-27. (34)
- 1,645,067; All. Universelle Cigaretten Maschinen. Feeding mechanism for cigarette machines. Issued 10-11-27. (28)
- 1,645,072; Prym Hans. Wire straightening machine. Issued 10-11-27. (28)
- 1,645,096; All. Gehe and Co A G. Manufacturing of ergot preparation. Issued 10-11-27. (28)
- 1,645,117; All. I G Farbenindustrie A G. Ink. Issued 10-11-27. (28)
- 1,645,141; Horii Shinjiro. Stencil sheet. Issued 10-11-27. (39)
- 1,645,257; All. Deutsche Wollenwaren Manufaktur A G. Method of and apparatus for passing threads into fabrics. Issued 10-11-27. (28)
- 1,645,275; All. Rheinische Gummi und Celluloid. Manufacture of dolls and parts thereof from cellulose derivatives. Issued 10-11-27. (28)
- 1,645,311; Von Der Heide Max. Valve control device. Issued 10-11-27. (28)
- 1,645,312; Von Der Heide Richard. Breathing apparatus. Issued 10-11-27. (28)
- 1,645,337; Messer Adolf. Welding torch. Issued 10-11-27. (28)
- 1,645,350; Reineke Josef Heinz. Apparatus for regulating air supply. Issued 10-11-27. (28)
- 1,645,391; Muller Ernst. Fur testing and cutting device. Issued 10-11-27. (28)
- 1,645,526; All. Lorenz C A G. High frequency electric furnace. Issued 10-18-27. (28)
- 1,645,530; All. Riebeck Hugo Stinnes Montan und. Process of refining mineral oils. Issued 10-18-27. (28)
- 1,645,811; Junkers Hugo. Propeller. Issued 10-18-27. (28)
- 1,645,822; Schieferstein Georg Heinrich. Belling machinery. Issued 10-18-27. (28)
- 1,645,842; Widmaler Otto. Envelope folding and sealing device. Issued 10-18-27. (28)
- 1,645,876; Schutte Johann Carl Friedrich Albert. Holding device for printing blocks or plates. Issued 10-18-27. (28)
- 1,645,878; Siegfried Wilhelm et al; Dachs Artur. Ticket for marking delicate fabrics. Issued 10-18-27. (28)
- 1,645,883; Teichmann Albert. Safety device for elevators conveyers and like apparatus. Issued 10-18-27. (28)
- 1,645,911; Kramer Erwin. Device for recording and reproducing sound. Issued 10-18-27. (28)
- 1,645,926; Pfeufer Joseph. Brushing apparatus for washing the human body. Issued 10-18-27. (28)
- 1,645,930; Ritzerfeld Wilhelm. Process for multiplying records. Issued 10-18-27. (28)
- 1,645,944; Debor Hermann. Shell shaped body suitable for the allowance of high pressure stresses. Issued 10-18-27. (28)
- 1,646,014; All. Badische Anilin and Soda Fabrik. Manufacture of liquid fuels. Issued 10-18-27. (28)
- 1,646,017; Eckstein Andreas. Device for preventing boiling over of milk and for indicating the boiling of the milk. Issued 10-18-27. (28)
- 1,646,020; Föttinger Hermann. Differential gear for motor vehicles. Issued 10-18-27. (28)
- 1,646,113; Lanza Luigi. Construction of buildings. Issued 10-18-27. (38)
- 1,646,169; Rosenbaum Fritz. Toy automobile. Issued 10-18-27. (28)
- 1,646,178; Zach Johann. Water vehicle. Issued 10-18-27. (28)
- 1,646,182; Beck Sigmund. Paintbrush. Issued 10-18-27. (28)
- 1,646,194; Fischer Ernst. Orthopedic appliance. Issued 10-18-27. (34)
- 1,646,247; All. Jung Peter. Apparatus for ascertaining the composition of gaseous mixtures. Issued 10-18-27. (28)
- 1,646,283; All. Ernst Josef. Exhaust silencer. Issued 10-18-27. (28)
- 1,646,301; All. Schubert and Salzer. Production of rib top fabrics and mechanism for use in producing the same. Issued 10-18-27. (28)
- 1,646,310; Osthoff Max. Movement of vehicles. Issued 10-18-27. (28)
- 1,646,325; Strassmann Paul Gerhard. Closure for vertical retorts. Issued 10-18-27. (28)
- 1,646,375; Augenstein Wilhelm. Facet cutting machine. Issued 10-18-27. (28)
- 1,646,506; Velten Hugo. Method and apparatus for separating matter of different specific gravities. Issued 10-25-27. (28)
- 1,646,507; Wagner Rudolf. Counter propeller for air propeller driven craft. Issued 10-25-27. (28)
- 1,646,520; Bayer Gaudenz. Absorption refrigerating apparatus. Issued 10-25-27. (28)
- 1,646,532; Goebels Paul. Drum mill. Issued 10-25-27. (28)
- 1,646,576; Castan Karl. Manifold device. Issued 10-25-27. (28)
- 1,646,590; Mildenberg Julius. Massage bandage and the like. Issued 10-25-27. (28)
- 1,646,789; Gatti Mario. Internal combustion engine. Issued 10-25-27. (38)
- 1,646,800; Valentini Aldo. Air core tire. Issued 10-25-27. (38)
- 1,646,904; Fischer Geza Stephan. Automatic circuit breaker. Issued 10-25-27. (28)
- 1,646,914; Kashiwagi Kosuke. Clinical thermometer and method of manufacture of same. Issued 10-25-27. (39)
- 1,646,945; All. Schmidt Sche Heissdampf GmbH. Method of and apparatus for automatically regulating the water level in steam boilers. Issued 10-25-27. (38)
- 1,646,986; Vidor Armin. Machine for forming rounded corners upon rectangular material. Issued 10-25-27. (34)
- 1,647,053; Pfaffle Robert. Pedestal lamp. Issued 10-25-27. (28)
- 1,647,060; All. Spedel fr Firm. Elastic ornamental band. Issued 10-25-27. (28)
- 1,647,070; Amann Adolf. Instrument sterilizer. Issued 10-25-27. (28)
- 1,647,089; Faltelowitz Arnold. Apparatus for the production of preserves of vegetable matters of unlimited durability. Issued 10-25-27. (28)
- 1,647,107; All. Ratti Giuseppe. Goggles. Issued 10-25-27. (38)
- 1,647,113; Keller Wilhelm. Loom for weaving wire fabric. Issued 10-25-27. (28)
- 1,647,183; Leggemann Albert. Disintegrating mill. Issued 11-1-27; (28)
- 1,647,231; Junkers Hugo. Starting internal combustion engines. Issued 11-1-27. (28)
- 1,647,249; All. Hartstoff Metall AKG. Rounding of metallic powder particles. Issued 11-1-27. (28)
- 1,647,283; Esau Abraham. Arrangement for improving short wave radiation into space. Issued 11-1-27. (28)
- 1,647,285; All. Bohn & Herber Maschinenfabrik. Two revolution printing press. Issued 11-1-27. (28)
- 1,647,299; König Otto. Respiration belt. Issued 11-1-27. (28)
- 1,647,312; Riller Heinrich. Violin Lute. Issued 11-1-27. (28)
- 1,647,371; All. Magnet Werk GmbH Eisenach. Apparatus for regenerating bulky waste metal. Issued 11-1-27. (28)
- 1,647,405; Giesen Paul. Pocket knife. Issued 11-1-27. (28)
- 1,647,426; Witter Wilhelm, et al; Nehring Paul. Process for recovering lead chloride. Issued 11-1-27. (28)
- 1,647,483; Suzuki Chujiro. Corn expansion machine. Issued 11-1-27. (39)
- 1,647,521; All. Kaspargetreideschalmaschine GmbH. Machine for shelling and polishing grain and the like. Issued 11-1-27. (28)

- 1,647,563; All. Pirelli & C. High tension electric cable. Issued 11-1-27. (38)
- 1,647,580; Puls Erich Friedrich. Speed controlling device. Issued 11-1-27. (28)
- 1,647,608; Corsalli Friedrich Wilhelm. Smelting furnace. Issued 11-1-27. (28)
- 1,647,614; All. Radiologie AKG. Rontgen ray device. Issued 11-1-27. (28)
- 1,647,675; Vedder Wilhelm. Burner for gaseous and powdered solid fuel. Issued 11-1-27. (28)
- 1,647,691; Firpo Costantino. Portable apparatus for producing and applying electric currents for therapeutic purposes. Issued 11-1-27. (38)
- 1,647,696; Herman Franz J. Thrashing machine. Issued 11-1-27. (28)
- 1,647,800; Beltrami Cesare. Vehicle elastic suspension. Issued 11-22-27. (38)
- 1,647,813; Reckmann Hugo. Sliding device for sails. Issued 11-1-27. (28)
- 1,647,829; Holzmann Paul. Device for emptying garbage bins into garbage collecting receptacles or carrying off cars in dust-proof manner. Issued 11-1-27. (28)
- 1,647,894; All. Neufeldt & Kuhnke. Indicator. Issued 11-1-27. (28)
- 1,647,907; All. Heraus W C GmbH. Combination of glass and metal bodies. Issued 11-22-27. (28)
- 1,647,930; Spillner Karl. Guard and safety device for motor driven vehicles. Issued 11-22-27. (28)
- 1,647,951; All. Magnet Werk GmbH. Electromagnetic chuck. Issued 11-1-27. (28)
- 1,647,972; All. Maschinenfabrik Zell J Kruckels. Creel stand. Issued 11-1-27. (28)
- 1,648,034; Ungerer Fritz. Index plate. Issued 11-8-27. (28)
- 1,648,116; Ebel Siegfried Samuel. Electrotherapeutic device. Issued 11-8-27. (6)
- 1,648,142; Matteucci Raffaele. Planetary gear. Issued 11-8-27. (38)
- 1,648,161; All. Rohrbogenwerk GmbH. Machine for producing tubular bends and coils and for expanding tubes. Issued 11-8-27. (28)
- 1,648,203; Tensfeldt Ernst. Appliance for storing type bars. Issued 11-8-27. (28)
- 1,648,218; Deitenbeck Ernst. Tire. Issued 11-8-27. (28)
- 1,648,343; All. Schmidt Sche Heissdampf GmbH. Means for regulating steam power and heating plants. Issued 11-8-27. (28)
- 1,648,396; All. Schmidt Sche Heissdampf GmbH. Locomotive boiler. Issued 11-8-27. (28)
- 1,648,442; Burchartz Heinrich. Apparatus for the centrifugal casting of hollow bodies. Issued 11-8-27. (28)
- 1,648,463; Rohrbach Adolf. Aircraft fitted with headlamps. Issued 11-8-27. (28)
- 1,648,485; Lang Josef Karl. Seat for water closets. Issued 11-8-27. (28)
- 1,648,504; All. Bayerische Spiegelglasfabriken. Apparatus for producing a silver coating on glass. Issued 11-8-27. (28)
- 1,648,505; Persu Aurel. Streamline power vehicle. Issued 11-8-27. (57)
- 1,648,517; All. Eisengiesserei Carl Luber Schrif. Magazine and slow burning stove. Issued 11-8-27. (6)
- 1,648,526; All. Sendlinger Optische Glaswerke. Rontgen tube and manufacture of same. Issued 11-8-27. (28)
- 1,648,534; Breusch Adolf. Hand operated roller stamp. Issued 11-8-27. (28)
- 1,648,548; Hasselmann Otto. Separable syringe. Issued 11-8-27. (28)
- 1,648,569; Trapp Hans. Process for the manufacture of pure zirconium sulphate. Issued 11-8-27. (28)
- 1,648,620; Onishi Kasaburo. Reciprocating pump for use in deep wells. Issued 11-8-27. (39)
- 1,648,739; Mislowitzer Ernst. Apparatus for measuring ion concentration. Issued 11-8-27. (28)
- 1,648,768; Hugo Theodor. Manufacture of envelopes. Issued 11-8-27. (28)
- 1,648,769; Hugo Theodor. Feeding device for envelope or bag making machines. Issued 11-8-27. (28)
- 1,648,814; Kreidler Alfred. Wire drawing machine. Issued 11-8-27. (28)
- 1,648,833; Vincon Gustavo. Breech closing mechanism for automatic firearms. Issued 11-8-27. (38)
- 1,648,858; Melamid Meilach. Condensation product and method of making same. Issued 11-8-27. (28)
- 1,648,915; Schuler Max. Electric connecting system for the purposes of telecontrol. Issued 11-15-27. (28)
- 1,648,970; Strelow Walter. Swimming ring or belt. Issued 11-15-27. (28)
- 1,648,976; Wagner Emanuel. Stove and furnace. Issued 11-15-27. (34)
- 1,648,978; Zierenberg Wilhelm. Burglarproof picture frame. Issued 11-15-27. (28)
- 1,649,051; Wolfenstein Richard. Process for producing halogen albumin compounds. Issued 11-15-27. (28)
- 1,649,052; Zimmel Hillel. Shaving brush. Issued 11-15-27. (28)
- 1,649,057; Bunkenburg August. Blade or vane applicable to wind wheels propellers and the like. Issued 11-15-27. (28)
- 1,649,090; Willhoest Carl. Regulating apparatus for central heating appliances. Issued 11-15-27. (28)
- 1,649,178; Nier Ernst Bruno. Lamp. Issued 11-15-27. (28)
- 1,649,201; Vanderstein Ewald. Furnace with blast heater. Issued 11-15-27. (28)
- 1,649,221; Goltz Konrad. Toy for playing with sand. Issued 11-15-27. (28)
- 1,649,271; All. Rohrseitz Karl Metallwarenfabrik. Toy talking machine. Issued 11-15-27. (28)
- 1,649,281; Billwiller John. Method of loosening vegetable fibers. Issued 11-15-27. (28)
- 1,649,335; Brecht Emil et al; Fugmann Rudolf C. Blowing machine for the manufacture of felts. Issued 11-15-27. (28)
- 1,649,347; Hardt Arthur. Pump. Issued 11-15-27. (28)
- 1,649,362; Nagel Carl. Method and apparatus for compressing loose material in bags. Issued 11-15-27. (28)
- 1,649,378; Behm Alexander. Means for sounding or measuring distance in water. Issued 11-15-27. (28)
- 1,649,379; Bergmann Jean. Calculating mechanism. Issued 11-15-27. (28)
- 1,649,405; Herrmann Josef et al; Stauber Max. Filter. Issued 11-15-27. (28)
- 1,649,408; All. Krupp Fried A G. Cash register. Issued 11-15-27. (28)
- 1,649,423; Stieglitz Konrad. Double spoon pliers for surgical operations. Issued 11-15-27. (28)
- 1,649,443; All. Krupp Fried A G. Cash register. Issued 11-15-27. (28)
- 1,649,477; Kuchenmeister Heinrich J. Sound reproducing machine. Issued 11-15-27. (28)
- 1,649,482; Metzger Carl et al; Luetschen Ewald. Condenser. Issued 11-25-27. (28)
- 1,649,567; Bruckmann Ludwig. Chuck. Issued 11-15-27. (28)
- 1,649,648; Bangert Heinrich. Furnace. Issued 11-15-27. (28)
- 1,649,680; All. Bosch Robert A G. Electric lighting of automobile vehicles. Issued 11-15-27. (28)
- 1,649,701; All. Allgemeine gesellschaft fur. Process for obtaining liquid sulphurous acid from the products of combustion of sulphur or sulphurous pyrites. Issued 11-15-27. (28)
- 1,649,724; Olinger Josef. Lock. Issued 11-15-27. (28)
- 1,649,783; Hammes Paul. Boot block. Issued 11-15-27. (28)
- 1,649,910; All. Modern Julius. Walking toy. Issued 11-22-27. (6)
- 1,649,943; Boeck Harry. Sun blind. Issued 11-22-27. (28)
- 1,649,966; Mariotti Temistocle. Apparatus for indicating internal relieves of hollow bodies. Issued 11-22-27. (38)
- 1,650,060; Bosselmann Richard. Differential pressure meter. Issued 11-22-27. (28)
- 1,650,122; Grantzdorffer August. Vacuum pan. Issued 11-22-27. (28)
- 1,650,145; Meyer Ulflas. Method of diminishing the inductive disturbances in submarine telegraph cables. Issued 11-22-27. (28)
- 1,650,157; All. Bereinigte Stahlwerke AKG. Process for the elimination of phosphorus from pig iron. Issued 11-22-27. (28)
- 1,650,171; All. Polyphonwerke AKG. Horn for talking machines. Issued 11-22-27. (28)
- 1,650,282; All. Maschinenfabrik Augsburg Nuernburg. Two revolution fast printing press. Issued 11-22-27. (28)
- 1,650,283; All. Maschinenfabrik Augsburg Nuernburg. Roller inking apparatus for fast printing presses. Issued 11-22-27. (28)
- 1,650,338; Fornaca Guido. Hydraulic brake for motor vehicles. Issued 11-22-27. (38)
- 1,650,339; All. Maschinenfabrik Augsburg Nuernburg. Intaglio printing machine for printing on sheets. Issued 11-22-27. (28)
- 1,650,475; Trefz Friedrich; Trefz Gustav et al. Free jet turbine. Issued 11-22-27. (28)
- 1,650,525; All. Metallstanzwerk GmbH Firm of. Device for making pins with head-plates. Issued 11-22-27. (28)
- 1,650,555; Walcker Paul. Electrical controlling means for organs. Issued 11-22-27. (28)
- 1,650,563; All. Wolf Georg Firm of GmbH. Illuminating device for medical purposes. Issued 11-22-27. (28)
- 1,650,594; All. Magnet Werk GmbH Eisenach. Variable speed gear. Issued 11-29-27. (28)
- 1,650,630; Klein Josef. Advertising apparatus. Issued 11-29-27. (28)
- 1,650,743; Seckbach Ernst. Headrest for baths. Issued 11-29-27. (28)
- 1,650,851; Rosenberg Emanuel. Continuous current generator. Issued 11-29-27. (6)
- 1,650,856; Vetter Otto. Device for lubricating pneumatic tools. Issued 11-29-27. (28)
- 1,650,860; Askenasy Paul et al; Flod Egon. Production of arsenic acid and its solutions. Issued 11-29-27. (28)
- 1,650,872; Meyer Christian Huls. Surface condenser. Issued 11-29-27. (28)
- 1,650,984; All. Koepf Rudolph and Co. Making sodium formate formic acid compounds. Issued 11-29-27. (28)
- 1,650,987; Holthaus Johann. Process of centrifugally molding metals. Issued 11-29-27. (28)
- 1,651,062; Juch Otto. Nose bridge of spectacles. Issued 11-29-27. (28)
- 1,651,086; Eckhardt Richard. Harrow. Issued 11-29-27. (28)
- 1,651,102; Peiseler Gottlieb. Automatic device for recording the movements of machines and the like. Issued 11-29-27. (28)
- 1,651,140; Mauser Alfons. Metal working machine. Issued 11-29-27. (28)
- 1,651,287; Mayer Hermann. Electric incandescent lamp made of glass tubing. Issued 11-29-27. (28)
- 1,651,328; Pfeiffer Karl; Edeleanu Lazar Gress Karl; Jodec Paul. Arrangement for refining heavy mineral oils. Issued 11-29-27. (28)
- 1,651,358; Arendt Ernst. Card holder. Issued 12-6-27. (28)
- 1,651,414; All. Signal GmbH. Switching device. Issued 12-6-27. (28)
- 1,651,421; Ter Meer Gustav. Centrifugal separator. Issued 12-6-27. (28)
- 1,651,492; Walter Richard. Process of desulphurizing molten metal and briquettes used therefor. Issued 12-6-27. (28)
- 1,651,503; Belluzzo Giuseppe. Blade of internal combustion turbines. Issued 12-6-27. (38)



- 1,651,538; Muller Arthur Hugo. Plant for towing vessels on inland waterways. Issued 12-6-27. (28)
- 1,651,617; All. Verein fur Chemische Industrie A. G. Extracting of guaiaco. Issued 12-6-27. (28)
- 1,651,644; Torriani Angelo. Thermoelectric heater. Issued 12-6-27. (38)
- 1,651,648; All. Zeiss Carl Firm of. Device for process work and the like. Issued 12-6-27. (28)
- 1,651,715; Klee Joseph. Disk wheel. Issued 12-6-27. (28)
- 1,651,716; All. Daimler Benz A. G. Flying machine. Issued 12-6-27. (28)
- 1,651,729; All. Siemens Schuckertwerke GmbH. Device for the protection of communication systems. Issued 12-6-27. (28)
- 1,651,754; All. Luftschiffbau Zeppelin GmbH. Auxiliary device for assembling airships. Issued 12-6-27. (28)
- 1,651,755; All. Luftschiffbau Zeppelin GmbH. Fin and rudder of airships. Issued 12-6-27. (28)
- 1,651,756; All. Stern Julius. Means for augmenting adhesion between frictionally engaging surfaces. Issued 12-6-27. (28)
- 1,651,804; Bosch, Carl Friedrich. Clock. Issued 12-6-27. (28)
- 1,651,811; Ferrabino Edoardo. Vehicle wheel. Issued 12-6-27. (38)
- 1,651,812; Friedrich Gustav et al; Reich Ernst. Knotting and weaving loom. Issued 12-6-27. (6) (34)
- 1,651,816; Goldman Bronislaw. Raffle to be set automatically. Issued 12-6-27. (28)
- 1,651,904; Petzold Ewald et al; Sohnel Martin. Direction indicator. Issued 12-6-27. (28)
- 1,651,924; All. Deutsche Maschinenbau und Vertriebs. Duplicating apparatus. Issued 12-6-27. (28)
- 1,651,954; Heyer Arthur. Collapsible copying apparatus for photographic purposes. Issued 12-6-27. (28)
- 1,651,993; All. Standard Compositor A. G. Line cast machine. Issued 12-6-27. (28)
- 1,652,026; Loffler Stephan. Pumping plant for high pressure steam generators. Issued 12-6-27. (28)
- 1,652,027; Lohmann Hugo. Process for the manufacture of very hard metallic alloys. Issued 12-6-27. (28)
- 1,652,044; Nenzel Georg. Apparatus for feeding mechanical grinding machines for producing wood pulp. Issued 12-6-27. (28)
- 1,652,054; All. Starke and Hoffmann Maschinenbau. Valve for piping of large diameter. Issued 12-6-27. (28)
- 1,652,070; Trefz Friedrich. Automatic starting and stopping arrangement for turbines. Issued 12-6-27. (28)
- 1,652,228; Angelini Luigi. Carburetor. Issued 12-13-27. (38)
- 1,652,255; Schweydar Wilhelm. Gravitation meter for measuring the vertical gradient of the gravity of the earth. Issued 12-13-27. (28)
- 1,652,258; Stieler Heinrich. Fire lighting device. Issued 12-13-27. (28)
- 1,652,327; Richter Wilhelm. Instrument for electric ionic medication. Issued 12-13-27. (28)
- 1,652,332; Thomsen Theodor sr et al; Thomsen Theodore jr. Universal grate bar molding machine. Issued 12-13-27. (28)
- 1,652,339; Zernik Franz. Insecticide. Issued 12-13-27. (28)
- 1,652,343; All. Vogtlandische Maschinenfabrik. Embroidery machine. Issued 12-13-27. (28)
- 1,652,352; Georg Otto. Ruptural safety means. Issued 12-13-27. (28)
- 1,652,367; All. Robel & Co. Double acting ratchet wrench. Issued 12-13-27. (28)
- 1,652,448; Martiensen Oscar. Fire damp indicator. Issued 12-13-27. (28)
- 1,652,553; All. Leitz Ernst Optische Werke Firm. Focal plane shutter. Issued 12-13-27. (28)
- 1,652,711; Eggert Hans. Process of making substitutes for horn and ivory from viscose. Issued 12-13-27. (28)
- 1,652,849; Weissbach Paul. Process of making stockings. Issued 12-13-27. (28)
- 1,652,894; Gunther Alfred. Glass syringe for injections and similar purposes. Issued 12-13-27. (28)
- 1,652,921; Wimberger Leopold. Mercury vapor rectifier. Issued 12-13-27. (6)
- 1,652,957; Reckmann Hugo. Sliding device for sails. Issued 12-13-27. (28)
- 1,652,976; De Beneditti Francesco. Connecting member. Issued 12-13-27. (38)
- 1,652,986; Kasantzeff Florentin. Air brake of the one lined type. Issued 12-13-27. (28)
- 1,652,992; Krantz Hubert. Quick Traverse bobbin for dyeing, washing and like treatment. Issued 12-13-27. (28)
- 1,653,087; Cohn Henry et al; Siebert Conrad. Process of producing a colloidal silver tannin albumen combination soluble in water. Issued 12-20-27. (28)
- 1,653,206; Friedrich Kurt Karl. Foldable lantern. Issued 12-20-27. (28)
- 1,653,314; All. I G Farbenindustrie AG. Bodies of desensitizing action and process of making same. Issued 12-20-27. (28)
- 1,653,352; Faudi Fritz. Ball and socket joint. Issued 12-20-27. (28)
- 1,653,405; Moll Hermann. Arrangement of the gas and air passages in reverberatory furnaces. Issued 12-20-27. (28)
- 1,653,482; Scherbaum Bernard. Pulverizing or grinding mill. Issued 12-20-27. (28)
- 1,653,482; All. I G Farbenindustrie AG. Flux applied in soldering aluminum and its alloys. Issued 12-20-27. (28)
- 1,653,555; Eilert Adolf. Frame for sounding boards of stringed musical instruments. Issued 12-20-27. (28)
- 1,653,615; Boerner Otto. Automatic train brake mechanism. Issued 12-27-27. (28)
- 1,653,704; All. Kellner Alexis. Motor carriage hood. Issued 12-27-27. (28)
- 1,653,730; Peetz Armin. Manufacture of chemical wood pulp. Issued 12-27-27. (28)
- 1,653,731; Reinstrom Gustav. Anodic current accumulator battery. Issued 12-27-27. (28)
- 1,653,759; Caretta Ettore. Liquid level indicator. Issued 12-27-27. (38)
- 1,653,774; Kultz Friedrich. Baking oven. Issued 12-27-27. (28)
- 1,653,784; Roebel Ludwig. Winding for electrical machines. Issued 12-27-27. (28)
- 1,653,820; Okutani Asagoro. Bottle sack made of sugar cane leaves. Issued 12-27-27. (39)
- 1,653,835; Benaglia Agide. Device for the production of any patterns with grooves and projecting portions on the surface of rubber tires during the tire regeneration. Issued 12-27-27. (38)
- 1,653,838; All. Schnellpressenfabrik AG Heidelberg. Platen printing press. Issued 12-27-27. (28)
- 1,653,839; All. Schnellpressenfabrik AG Heidelberg. Sheet feeding mechanism for printing machines and the like. Issued 12-27-27. (28)
- 1,653,863; Liedler Ludwig. Apparatus for use in erecting walls of blocks bricks or the like. Issued 12-27-27. (6)
- 1,653,894; All. Soc Italiana Pirelli. Machine for taping joints of electric cables. Issued 12-27-27. (38)
- 1,653,895; All. Soc Italiana Pirelli. High tension cable joint and method of making the same. Issued 12-27-27. (38)
- 1,653,910; Meyer Jagenberg Gunther. Labeling machine. Issued 12-27-27. (28)
- 1,653,963; Kral Ludwig. Magnesium burner and lamp. Issued 12-27-27. (6)
- 1,653,971; Salinger Hans. Duplex method for telegraph cables. Issued 12-27-27. (28)
- 1,654,012; Otte Rudolf. Magnesium lamp. Issued 12-27-27. (28)
- 1,654,046; All. Rutgerswerke AG Abteilung. Process for the production of arc light electrodes. Issued 12-27-27. (28)
- 1,654,099; Shiraiishi Tsuneji. Colloidal calcium carbonate and method of producing the same. Issued 12-27-27. (39)
- 1,654,117; All. Vereinigte celluloidwarenfabriken GmbH. Hairdressing implement. Issued 12-27-27. (28)
- 1,654,119; Enders Karl. Internal combustion turbine with rotary slide valve. Issued 12-27-27. (28)
- 1,654,124; Hoffmann Otto Ernst. Oil returning device for axle bearings. Issued 12-27-27. (28)
- 1,654,144; Schubert Paul Gustav Franz. Container especially canister for automobile driving liquids. Issued 12-27-27. (28)
- 1,654,243; Eckschlager Heinrich. Light projector. Issued 12-27-27. (28)
- 1,654,248; Erdmann Friedrich. Illuminated level. Issued 12-27-27. (28)
- 1,654,384; Pirec Michele. Smoking pipe. Issued 12-27-27. (38)
- 1,654,441; All. Grimme Natalis and Co AG. Resetting mechanism for calculating machines. Issued 12-27-27. (28)
- 1,654,462; Horten Alphons. Method of and apparatus for manufacturing concrete pipes. Issued 12-27-27. (28)
- 1,654,471; Schrack Eduard. Grid for electron discharge tubes. Issued 12-27-27. (6)
- 1,654,520; Frohlich Walter. Water closet. Issued 12-27-27. (28)
- 1,654,554; Pasch Hugo. Underlayer for safety razor blades to be wrapped therewith in an envelope. Issued 1-3-28. (28)
- 1,654,557; All. Drager Alexander Bernhard. Autogenous cutting burner. Issued 1-3-28. (28)
- 1,654,818; Kampf Adolf. Process for precipitating artificial threads ribbons films and the like of viscose. Issued 1-3-28. (28)
- 1,654,832; Pohl Ernst August. Closet basin. Issued 1-3-28. (28)
- 1,654,835; Robeck Hermann. Telephone electrically driven sound box. Issued 1-3-28. (28)
- 1,654,837; Schmid Otto. Method of manufacturing barbed wire. Issued 1-3-28. (28)
- 1,654,838; Schroeder Wilhelm et al; Nolte Josef. Branch terminal for overhead lines. Issued 1-3-28. (28)
- 1,654,861; Cerati Ottorino. Transplanting machine particularly for rice plants and the like. Issued 1-3-28. (38)
- 1,654,869; Eichelgrun Martin. Inclined plane switch and curved track frame for field railway vehicles. Issued 1-3-28. (28)
- 1,654,874; Gusalli Luigi. Screen for sun cures. Issued 1-3-28. (38)
- 1,654,925; Drager Alexander Bernhard. Air purifying cartridge for breathing devices. Issued 1-3-28. (28)
- 1,654,938; Lang Franz. Fuel pump. Issued 1-3-28. (28)
- 1,654,969; Genest Werner. Stock recording apparatus. Issued 1-3-28. (28)
- 1,655,023; Pietro Fu Natale Bisutti. Cement molding apparatus. Issued 1-3-28. (38)
- 1,655,024; Pietro Fu Natale Bisutti. Cement molding apparatus. Issued 1-3-28. (38)
- 1,655,152; All. Union Special Maschinenfabrik GM. Intermediate gearing for sewing machines and the like. Issued 1-3-28. (28)
- 1,655,185; Hatschek Paul. Optical projection apparatus. Issued 1-3-28. (28)
- 1,655,191; Linnmann Wilhelm Jr. Apparatus for separating liquids of different gravity. Issued 1-3-28. (28)
- 1,655,197; Sauter Josef et al; Levy Franz. Process for diminishing the resistance of currents in conduit pipes. Issued 1-3-28. (28)
- 1,655,304; Arnold Carl. Pocket lamp. Issued 1-3-28. (28)
- 1,655,339; Rix Carl. Rotary pump. Issued 1-3-28. (28)

- 1,655,443; All. Von Frommer Rudolf. Shock absorber. Issued 1-10-28. (28)
- 1,655,446; Frommer Rudolf Von. Sporting gun. Issued 1-10-28. (34)
- 1,655,781; Caraccio Giovanni. Apparatus for electroplating. Issued 1-10-28. (38)
- 1,655,786; Guerritore Orazio. Vehicle spring suspension. Issued 1-10-28. (38)
- 1,655,888; All. Hamburg Amerikanische Uhrenfabrik. Savings clock. Issued 1-10-28. (28)
- 1,655,920; Roderwald Rudolf. Power transmitting or driving belt. Issued 1-10-28. (28)
- 1,655,932; Wreesmann Ferdinand. Centrifugal liquid atomizer. Issued 1-10-28. (28)
- 1,656,062; Harke Max. Starting crank for explosion engines locked against back rotation. Issued 1-10-28. (28)
- 1,656,120; Kempter Fritz. Production of viscose. Issued 1-10-28. (28)
- 1,656,138; Breslauer Max. Method and means for the photographic reproduction of books drawings and the like for reprints. Issued 1-10-28. (28)
- 1,656,164; All. Macao Walzenmuhlen GmbH. Apparatus for milling chocolate and like plastic materials. Issued 1-17-28. (28)
- 1,656,175; De Benedetti Francesco. Motor car. Issued 1-17-28. (38)
- 1,656,189; Fejes Jenö. Vehicle brake. Issued 1-17-28. (34)
- 1,656,235; All. Taeschner E Chemisch. Process for reducing photographic silver image layers. Issued 1-17-28. (28)
- 1,656,279; Kreissig Ernst. Shock absorbing device. Issued 1-17-28. (28)
- 1,656,309; Zahoransky Anton. Machine for treating brush stocks. Issued 1-17-28. (28)
- 1,656,344; Casoletti Vittorio. Apparatus for washing cups glasses and the like. Issued 1-17-28. (38)
- 1,656,502; All. Goldschmidt Th A G. Process of improving aluminum alloys. Issued 1-17-28. (28)
- 1,656,503; Scherbaum Johann Bernhard Christian. Grinding mill. Issued 1-17-28. (28)
- 1,656,544; Thoma Hans. Rotary pump and motor. Issued 1-17-28. (28)
- 1,656,559; All. Schmidtsche Heissdampf GmbH. Steam boiler. Issued 1-17-28. (28)
- 1,656,563; All. I G Farbenindustrie A G. Recovery of sulphur from ammonium polysulphide. Issued 1-17-28. (28)
- 1,656,569; All. Kruckenberg Franz. Shunting arrangement and arrangement for removing cars from and placing cars on to the rails of suspension railways. Issued 1-17-28. (28)
- 1,656,609; Selbt Georg. Telephone transmission. Issued 1-17-28. (28)
- 1,656,678; Pawlikowski Rudolf. Solid fuel internal combustion engine and method of operation thereof. Issued 1-17-28. (28)
- 1,656,680; Rosenthal Hans. Optical signal. Issued 1-17-28. (28)
- 1,656,681; Samuel Jacob. Method of manufacturing artificial sausage skins. Issued 1-17-28. (28)
- 1,656,769; Blanc Gian Alberto. Method for the separation of chlorides of aluminum and potassium present in mixed solutions obtained in the treatment of leucite. Issued 1-17-28. (38)
- 1,656,801; Valentin Carl. Automatic bobbin changing device for looms. Issued 1-17-28. (28)
- 1,656,804; Wolman Karl Heinrich. Wood preserving composition. Issued 1-17-28. (28)
- 1,656,810; All. Luftschiffbau Zeppelin GmbH. Hollow girder for light structures. Issued 1-17-28. (28)
- 1,656,817; Deppe Theodor. Safety apparatus for supporting ladders. Issued 1-17-28. (28)
- 1,656,832; All. Wiesenthal Maximilian. Interliner. Issued 1-17-28. (28)
- 1,656,863; Malenkovic Basilus Recte Vaso. Process for the preservation of wood. Issued 1-17-28. (6)
- 1,656,866; Muller Jacob. Loose leaf to be used with a carbon for bookkeeping machines or the like. Issued 1-17-28. (28)
- 1,656,895; Ackermann Hugo et al; Langenheim Wilhelm. Conical crushing mill. Issued 1-24-28. (28)
- 1,656,907; Bansen Hugo. Gas burner. Issued 1-24-28. (28)
- 1,656,932; Adler Friedrich. Stenciling and dyeing fabrics and the like. Issued 1-24-28. (28)
- 1,656,960; All. Soc Italiana Ernesto Breda. Device for lubricating automatic firearms. Issued 1-24-28. (38)
- 1,656,961; All. Soc Italiana Ernesto Breda. Safety lock for automatic firearms. Issued 1-24-28. (28)
- 1,656,995; All. Leubecker Maschinenbau Ges. Railroad truck with five or more axles. Issued 1-24-28. (28)
- 1,657,035; Richard Augusto. Suspension insulator with hood and deformable pivoting system forming an articulated joint. Issued 1-24-28. (38)
- 1,657,050; All. Kaiser Dr Med Kindersauger. Pocket sterilizer for nursing nipples. Issued 1-24-28. (28)
- 1,657,140; All. I G Farbenindustrie A G. Bleaching with hypochlorites. Issued 1-24-28. (28)
- 1,657,192; Belluzzo Giuseppe. Wheel for internal combustion turbines. Issued 1-24-28. (38)
- 1,657,202; Ellyson Frederick Washington. Water heater and steam generator. Issued 1-24-28. (28)
- 1,657,218; Mallick Hermann. Pulping machine. Issued 1-24-28. (28)
- 1,657,266; Maas Georg. Sectional water tube boiler. Issued 1-24-28. (28)
- 1,657,270; All. Mey Karl. Stereoscopic color photography. Issued 1-24-28. (28)
- 1,657,281; All. Schneider C A and Dr Ing Firm. Roller lubricating device for axles and the like. Issued 1-24-28. (28)
- 1,657,400; Kasantzeff Florentin. Straight air brake. Issued 1-24-28. (28)
- 1,657,411; All. Chiffriermaschinen A G. Ciphering machine. Issued 1-24-28. (28)
- 1,657,421; Trenel Max. Apparatus for the electrometric determination of hydrogen ion concentration. Issued 1-24-28. (28)
- 1,657,475; Inami Kakujiro. Apparatus for casting under pressure in dentistry. Issued 1-31-28. (39)
- 1,657,525; Cantono Eugenio. Suspension of vehicles. Issued 1-31-28. (38)
- 1,657,544; Mannich Charles. Alkyl derivatives of cyclo trimethylene aryl pyrazolones and process for the manufacture of same. Issued 1-31-28. (28)
- 1,657,581; Mozzali Oreste. Electrical heating apparatus for the crucibles of Linotype composing machines. Issued 1-31-28. (28)
- 1,657,591; All. Clusor GmbH. Device for binding paper sheets. Issued 1-31-28. (28)
- 1,657,631; Maggiora Ernesto. Explosion engine cylinder. Issued 1-31-28. (38)
- 1,657,677; All. Deutsche Werke Kiel A G. Compensated induction motor. Issued 1-31-28. (28)
- 1,657,798; Honing Hans. Toy figure imitating natural walking motions. Issued 1-31-28. (28)
- 1,657,800; Kemmler Albert. Process for the manufacture of chamols tanned leather. Issued 1-31-28. (28)
- 1,657,838; Nagel August. Apparatus for measuring liquid fuel. Issued 1-31-28. (28)
- 1,657,903; Rudert Franz. Fastening device for rails. Issued 1-31-28. (28)
- 1,657,970; Politi Ercole. Cone coupling for electrical cables. Issued 1-31-28. (38)
- 1,658,081; All. Standard Light GmbH. Burner for lamps for liquid fuel. Issued 2-7-28. (28)
- 1,658,082; Grieser Friedrich. Method and apparatus for producing permanent waves. Issued 2-7-28. (28)
- 1,658,087; Janzen Otto. Stop for the driving gears of dynamo pocket lamps operated by hand levers and toothed segments. Issued 2-7-28. (28)
- 1,658,088; Kibler Alois. Hand shears. Issued 2-7-28. (28)
- 1,658,091; Mertens Max. Carriage release mechanism for wire looms. Issued 2-7-28. (28)
- 1,658,114; Brunzel Karl. Means for drying air in mines. Issued 2-7-28. (28)
- 1,658,136; Nardone Ugo. Smoke generating furnace. Issued 2-7-28. (38)
- 1,658,142; All. Mannesmann Light A G. Electric dry battery. Issued 2-7-28. (28)
- 1,658,158; Dreyer Otto. Device for automatically disconnecting electric circuits. Issued 2-7-28. (28)
- 1,658,169; Krauss Georg. Flushing apparatus for water closets with closed flushing boxes. Issued 2-7-28. (28)
- 1,658,213; Strecker Otto C. Process for the production of cellulose by decomposition of vegetable fibers. Issued 2-7-28. (28)
- 1,658,281; All. Nowack Aug A G. Resin and method of preparing the same. Issued 2-7-28. (28)
- 1,658,316; Wickeland Johann. Railway signal. Issued 2-7-28. (28)
- 1,658,357; Schafer Otto. Machine for treating fibers or threads. Issued 2-7-28. (28)
- 1,658,375; All. Siemens Schuckertwerke GmbH. Device for regulating the generation of steam in heat power plants. Issued 2-7-28. (28)
- 1,658,397; Schmidt Alexander. Cutting tool for tunneling or mining machines. Issued 2-7-28. (34)
- 1,658,449; Löffler Stephen. Fluid level indicator for high pressure vessels or containers. Issued 2-7-28. (28)
- 1,658,467; All. Lanz Heinrich A G. Hardened cast iron. Issued 2-7-28. (28)
- 1,658,523; Girard Fritz. Microscope illuminating device. Issued 2-7-28. (28)
- 1,658,526; Kaufmann Albert. Carriage body wall especially for motor cars. Issued 2-7-28. (28)
- 1,658,530; Kirner Josef. Journaling of supporting rollers. Issued 2-7-28. (28)
- 1,658,705; Caproni Gianni. Centrifugal sucking and forcing pump. Issued 2-7-28. (38)
- 1,658,803; Heinrich Hugo. Engine pump compressor and the like. Issued 2-14-28. (28)
- 1,658,810; All. Hostmann Steinberg Sche Chr. Valve. Issued 2-14-28. (28)
- 1,658,876; All. Luftschiffbau Zeppelin GmbH. Gas cell for airships. Issued 2-14-28. (28)
- 1,658,924; Helle Anton et al; Helle Fritz. Chain making machine. Issued 2-14-28. (28)
- 1,658,946; Schrack Eduard. Grid electrode for electron discharge tubes. Issued 2-14-28. (6)
- 1,658,953; All. Goldberg M J and Sohne GmbH. Signaling apparatus. Issued 2-14-28. (28)
- 1,659,043; Muller Friedrich. Method for increasing the efficiency of injection air compressors of internal combustion engines. Issued 2-14-28. (6)
- 1,659,141; Grupp Gottlieb Albert. Edge binding for coconut fiber mats. Issued 2-14-28. (28)
- 1,659,190; All. I G Farbenindustrie AG. Manufacture of pure urea. Issued 2-14-28. (28)
- 1,659,198; All. I G Farbenindustrie AG. Manufacture of ammonium phosphate. Issued 2-14-28. (28)



- 1,659,216; Prym Hans. Machine for manufacturing pins. Issued 2-14-28. (28)
- 1,659,217; Rakowitzky Selman et al; Rakowitzky Hirsch. Device for advancing bands of match cards in machines for the manufacture of matches. Issued 2-14-28. (6)
- 1,659,322; All. Kruckenbergs Franz. Track for high speed suspension railways. Issued 2-14-28. (28)
- 1,659,372; Nagel August. Liquid measuring device. Issued 2-14-28. (28)
- 1,659,375; Schmidt Friedrich. Process for the manufacture of artificial sausage and other skins. Issued 2-14-28. (28)
- 1,659,383; All. Jenaer Glaswerk Schott and Gen Firm. Flask for laboratory purposes. Issued 2-14-28. (28)
- 1,659,399; Faber Jacob. Seamless hollow body and method of making the same. Issued 2-14-28. (28)
- 1,659,450; Stromer Gustav. Device for preventing the escape of oil from journal and like bearings. Issued 2-14-28. (28)
- 1,659,476; All. Dynamidon Werk Engelhorn and Co. Method for producing highly refractory magnesite masses. Issued 2-14-28. (28)
- 1,659,483; Donagemma Giuseppe et al; Tolini Pietro; Valentini Melchiorre; Micozzi Ercole. Machine for spinning artificial silk. Issued 2-4-28. (38)
- 1,659,529; Hyuga Asamatsu. Hydrogen ion comparator. Issued 2-14-28. (39)
- 1,659,708; Rumsch Emil. Mangle with variable pressure rollers. Issued 2-21-28. (28)
- 1,659,752; All. Neufeldt and Kuhnke. Multiple controlled hydraulic servo motor. Issued 2-21-28. (28)
- 1,659,766; Cevalani Edoardo. Hub for free wheel bicycles and the like driven by oscillating pedal cranks. Issued 2-21-28. (38)
- 1,659,846; Wagner Fritz. Valve comprising an equalizing chamber a main and an auxiliary valve. Issued 2-21-28. (28)
- 1,659,850; Zorn Werner. Direction indicator. Issued 2-21-28. (28)
- 1,659,866; Fornaca Guido. Automatic system for cooling internal combustion engines. Issued 2-21-28. (38)
- 1,659,867; Frieser Leopold et al; Scewald Otto. Process for the production of a continuous floor for linoleum triolein or the like. Issued 2-21-28. (28)
- 1,659,896; Raym Willibald. Milling and like roll or cylinder and method of manufacturing the same. Issued 2-21-28. (28)
- 1,659,960; Rohrbach Adolf. Aircraft. Issued 2-21-28. (28)
- 1,659,961; Rohrbach Adolf. Aircraft. Issued 2-21-28. (28)
- 1,660,009; All. Chemische Fabrik in Billwarder Vorm. Process of obtaining high grade products from raw coal. Issued 2-21-28. (28)
- 1,660,036; Fornaca Guido. Wheel for motor vehicles. Issued 2-21-28. (38)
- 1,660,049; Riva Secondo et al; Pron Marino. Stranding machine for the rapid manufacturing of strands of textile fibers or wires either alone or coupled together. Issued 2-21-28. (38)
- 1,660,115; Bohm Viktor. Dyeing apparatus for hat bodies. Issued 2-21-28. (6)
- 1,660,130; Kolos Ludwig. Gymnastic appliance. Issued 2-21-28. (34)
- 1,660,160; Hanel Paul Theodor. Means for removing compressed matter from containers. Issued 2-21-28. (28)
- 1,660,179; Scheide Mandel Hans. Device for assorting of molding for instance wooden boards. Issued 2-21-28. (28)
- 1,660,282; Von Frommer Rudolf. Single loading firearm. Issued 2-21-28. (34)
- 1,660,326; Engelhardt Georg. Foot arch measuring device. Issued 2-28-28. (28)
- 1,660,356; Postel Emil. Epicyclic change speed gear. Issued 2-28-28. (28)
- 1,660,366; Tutzschke Fritz. Method of etching printing plates and composition of matter for use in connection therewith. Issued 2-28-28. (28)
- 1,660,384; All. Gieger Julius GmbH. Floor polishing apparatus. Issued 2-28-28. (28)
- 1,661,171; All. Colo Diesel Motoren-gesellschaft. Internal combustion engine. Issued 3-6-28. (28)
- 1,661,181; Junkers Hugo. Crank shaft. Issued 3-6-28. (28)
- 1,661,182; Junkers Hugo. Shock absorbing means. Issued 3-6-28. (28)
- 1,661,183; Junkers Hugo. Wall forming member. Issued 3-6-28. (28)
- 1,661,201; Stern Ermst. Process of making starch products. Issued 3-6-28. (28)
- 1,661,203; Toniolo Carlo. Process for the rapid evaporation to dryness of ammonium nitrate solutions. Issued 3-6-28. (38)
- 1,661,204; Voith Walther. Writing device. Issued 3-6-28. (6)
- 1,661,211; Wussow Reinhard. Method for the dry cooling of coke. Issued 3-6-28. (28)
- 1,661,225; Kovacs, Theodor. Fountain pen. Issued 3-6-28. (28)
- 1,661,252; Fricke Richard et al; Mross Hans. Gas control apparatus. Issued 3-6-28. (28)
- 1,661,260; Muller Arthur. Electrolier for sewing machines. Issued 3-6-28. (28)
- 1,661,291; Joksche Rudolf. Automatic weighing apparatus. Issued 3-6-28. (6)
- 1,661,496; Pahl Karl. Metal sheet piling. Issued 3-6-28. (28)
- 1,661,515; Treichel Otto. Process of printing in greasy inks with gelatin printing surfaces. Issued 3-6-28. (28)
- 1,661,517; Bosse Julius Von. Metallizing process. Issued 3-6-28. (28)
- 1,661,538; Marzetti Manliao. Universal parallel drafting device. Issued 3-6-28. (38)
- 1,661,565; All. Allgemeine Ges Fur Chemische. Process of the conversion of high boiling hydrocarbons into low boiling hydrocarbons. Issued 3-6-28. (28)
- 1,661,566; All. Allgemeine Ges Fur Chemische. Motor fuel and process of refining oils. Issued 3-6-28. (28)
- 1,661,582; Szydowski Josef. Piston engine. Issued 3-6-28. (28)
- 1,661,694; All. Krupp Fried A G. Electric resistance furnace adapted for heating by nitrogenization. Issued 3-6-28. (28)
- 1,661,762; Kreidel Hans. Direction indicator for vehicles. Issued 3-6-28. (28)
- 1,661,871; Binz Arthur et al; Rath Curt. Process for the preparation of hetero cyclic arsenic compounds. Issued 3-6-28. (28)
- 1,661,873; Buxbaum Berthold. Joint for the members of bar structures. Issued 3-6-28. (28)
- 1,661,887; Fiedler Hans Werner. Method of and means for preserving vulcanized rubber. Issued 3-6-28. (28)
- 1,661,907; All. Deutsche Edelstahlwerk A G. Steel alloy and process of making the same. Issued 3-6-28. (28)
- 1,662,037; Wichtendahl Rudolf. Variable chain drive. Issued 3-6-28. (28)
- 1,662,107; All. Soc. Italiana Pirelli. High tension electric cable. Issued 3-13-28. (38)
- 1,662,488; Burkhardt Otto. Stone saw. Issued 3-13-28. (28)
- 1,662,516; Hustadt Paul et al; Hustadt Karl. Machine for tempering saw blades, plane knives and similar tools. Issued 3-13-28. (28)
- 1,662,521; Kobis Carl. Grinding machine for twist drills. Issued 3-13-28. (28)
- 1,662,545; Spelta Egidio. Spray screen. Issued 3-13-28. (38)
- 1,662,547; All. Sartorio Giovanni. Apparatus for preparing coffee and other infusions. Issued 3-13-28. (38)
- 1,662,566; Dohle Fritz. Transmission mechanism. Issued 3-13-28. (28)
- 1,662,568; Foell Josef. Lamp suspension. Issued 3-13-28. (28)
- 1,662,569; Fornaca Guido. Brake of the expanding shoe type. Issued 3-13-28. (38)
- 1,662,576; All. Demag A G. Valve for pneumatic tools. Issued 3-13-28. (28)
- 1,662,590; Thormeyer Hans. Internal combustion engine. Issued 3-13-28. (28)
- 1,662,602; Dunkelberg Karl. Apparatus for cooling water. Issued 3-13-28. (28)
- 1,662,679; Kessel Heinrich. Cutlery grinding and polishing machine. Issued 3-13-28. (28)
- 1,662,717; Poeppel Otto. Method of rendering paper sheets locally transparent. Issued 3-13-28. (28)
- 1,662,750; Kaufmann Albert. Die casting machine. Issued 3-13-28. (28)
- 1,662,854; Freislinger Josef. Internal combustion engine provided with an auxiliary charging pump. Issued 3-20-28. (6)
- 1,662,970; Grosse Carl. Safety device for electric lines. Issued 3-20-28. (28)
- 1,663,073; Fiamma Ermanno. Radio telemechanic system. Issued 3-20-28. (38)
- 1,663,137; Mack Richard. Electric spot welding machine. Issued 3-20-28. (28)
- 1,663,159; Ebers Karl. Process for purifying and bleaching heavy spar. Issued 3-20-28. (28)
- 1,663,346; Matthiessen Paul et al; Moller Adolf Detlef. Testing dock for submarines. Issued 3-20-28. (28)
- 1,663,350; All. Holzverkohlungs Industrie AG. Method of producing acetone. Issued 3-20-28. (28)
- 1,663,353; Salinger Hans et al; Stahl Johann. Telegraph cable with loading coils. Issued 3-20-28. (28)
- 1,663,387; Richter Arthur. Device on cotton frames for the production of bodily thickenings of patterns. Issued 3-20-28. (28)
- 1,663,418; Seguchi Hiromu. Means for beating of bagasse for the imbibition of same in cane sugar making industry. Issued 3-20-28. (39)
- 1,663,448; All. Rodi and Wienberger Fur. Machine for manufacturing chain mail in tubular shape. Issued 3-20-28. (28)
- 1,663,473; Windeknecht Carl August. Building. Issued 3-20-28. (28)
- 1,663,541; All. Standard Compositor A G. Typesetting and line casting machine. Issued 3-27-28. (28)
- 1,663,554; Meyer Jagenberg Gunther. Paper roll wrapping machine. Issued 3-27-28. (28)
- 1,663,613; Reinhardt Wilhelm. Combined gaiter and boot protector. Issued 3-27-28. (28)
- 1,663,615; Schmid Otto. Apparatus for manufacturing barbed wire. Issued 3-27-28. (28)
- 1,663,617; Steinmetz Georg. Loose leaf suspending file. Issued 3-27-28. (28)
- 1,663,629; Fritzsching Hans. Antifriction bearing. Issued 3-27-28. (6)
- 1,663,664; Kuchenmeister Heinrich J. Phonograph. Issued 3-27-28. (28)
- 1,663,710; Kopatscher Karl. Alarm clock. Issued 3-27-28. (28)
- 1,663,731; Redlich Victor. Centrifugal machine. Issued 3-27-28. (6)
- 1,663,733; Schmidinger Kurt. Method of making lacquers. Issued 3-27-28. (28)
- 1,663,734; All. I G Farbenindustrie A G. Apparatus for treating gases. Issued 3-27-28. (28)
- 1,663,830; Eirich Ludwig et al; Eirich Joseph. Discharging closure for mixing machines. Issued 3-27-28. (28)
- 1,663,878; All. Soc Italiana Pirelli. Multiple conductor high tension cable. Issued 3-27-28. (38)
- 1,663,879; Fahr Johann Heinrich. Grain and grass mowing machine. Issued 3-27-28. (28)
- 1,663,906; Finking Ernst. Sound conduit for sound recording and sound reproducing instruments. Issued 3-27-28. (28)
- 1,663,907; Friedrich Albert E. Grinding machine for safety razor blades. Issued 3-27-28. (28)

- 1,663,908; Fuld Ludwig. Porcelain handle brush. Issued 3-27-28. (28)
- 1,663,910; All. Schmidt Sche Heissdampf GmbH. Water tube boiler. Issued 3-27-28. (28)
- 1,663,944; All. Metallisator Berlin A G. Method for preventing scorification of fire bars grate surfaces and the like. Issued 3-27-28. (28)
- 1,663,962; Uhlig Willy Robert. Angling game requiring patience and skill. Issued 3-27-28. (28)
- 1,663,990; Marohn Albert Hermann Franz. Cupboard. Issued 3-27-28. (28)
- 1,664,027; Filler Dominik. Electric flytrap. Issued 3-27-28. (6)
- 1,664,033; Horii Shinjiro. Stencil sheet. Issued 3-27-28. (39)
- 1,664,112; Junemann August. Surgical forceps. Issued 3-27-28. (28)
- 1,664,113; All. Kaisha Saibi Mojiami Kabushiki. Reed for net making machines. Issued 3-27-28. (39)
- 1,664,143; Weber Philipp. Device for manual producing of cigar fillers. Issued 3-27-28. (28)
- 1,664,238; All. Atlas Werke Pohler and Co. Footwear pounding or burnishing machine. Issued 3-27-28. (28)
- 1,664,275; All. Seitz Werke GmbH. Method of preparing filtering materials. Issued 3-27-28. (28)
- 1,664,324; Schell Hermann. Cooking apparatus with steam hood. Issued 3-27-28. (28)
- 1,664,357; Ernestus Carl et al; Lusebrink Wilhelm; Device for the manufacture of tape webbing gimp braid and similar materials. Issued 3-27-28. (28)
- 1,664,369; Maurer Jakob. Process and device for operating upon human teeth. Issued 3-27-28. (28)
- 1,664,372; Mohr Wilhelm. Machine for dividing and working dough. Issued 3-27-28. (28)
- 1,664,392; Baruch Alphons. Integral receiver for suspending toilet paper rolls. Issued 4-3-28. (28)
- 1,664,406; All. Deuta Werke Vormals Deutsche. Speedometer of the eddy current type. Issued 4-3-28. (28)
- 1,664,505; Franz Joseph. Machine for coating objects. Issued 4-3-28. (28)
- 1,664,678; Grimm Hans G. Process of stabilizing chemical substances. Issued 4-3-28. (28)
- 1,664,723; Young Niels. Degasification of coal. Issued 4-3-28. (28)
- 1,664,733; Braun Justus. Compressor. Issued 4-3-28. (28)
- 1,664,747; Kamensky Basile. Internal combustion engine without carburetor. Issued 4-3-28. (28)
- 1,664,750; Kirschner Felix. Process for the production of galvanic metal coatings. Issued 4-3-28. (6)
- 1,664,773; Edelhoff Alfred. Potato planting machine. Issued 4-3-28. (28)
- 1,664,788; Oberhammer Ludwig. Automatic or self loading small arm. Issued 4-3-28. (28)
- 1,664,973; Elckworth Regnier. Gas burner. Issued 4-3-28. (28)
- 1,664,985; Mauser Alfons. Container. Issued 4-3-28. (28)
- 1,664,987; Meyer Robert. Rotary engine. Issued 4-3-28. (28)
- 1,664,993; Osthoff Walter. Process for heating the singeing members of cylinder singeing machines. Issued 4-3-28. (28)
- 1,665,073; Schwanke Ewald. Clock and watch with twenty-four hour figure indication. Issued 4-3-28. (28)
- 1,665,076; Tessky Karl. Friction disk clutch. Issued 4-3-28. (28)
- 1,665,087; Fehrmann Adolf. Direction signal. Issued 4-3-28. (28)
- 1,665,104; Martienssen Ernest Eduard. Drainage system for playing grounds. Issued 4-3-28. (28)
- 1,665,105; Mezger Robert. Producing stable emulsions. Issued 4-3-28. (28)
- 1,665,149; Van Wiene Pieter Hendrik. Convertible skimming boat or like water craft. Issued 4-3-28. (28)
- 1,665,162; Freiberger Moritz et al; Holtmann August. Calico printing color composition and process. Issued 4-3-28. (28)
- 1,665,422; Setzer Rudolf. Device relating to ring spinning and twisting frames. Issued 4-10-28. (28)
- 1,665,453; Grunert Kurb. Process of producing artificial silk filaments by drawing. Issued 4-10-28. (38)
- 1,665,514; Toyoda Kilchiro. Buffer for the picking arms in weaving looms. Issued 4-10-28. (39)
- 1,665,543; All. Schmidt Sche Heissdampf GmbH. Travelling plant for the generation of high pressure steam. Issued 4-10-28. (28)
- 1,665,598; May Heinz. Restretchable tennis racket. Issued 4-10-28. (28)
- 1,665,665; Jahnke Kurt. Process for producing a hard low temperature coke. Issued 4-10-28. (28)
- 1,665,667; Kusters Wilhelm. Liquid level indicator. Issued 4-10-28. (28)
- 1,665,783; Hombrecher Albert. Spool carrier for plating knot work bobbin and lace making machines. Issued 4-10-28. (28)
- 1,665,784; All. Vox Maschinen A G. Electromagnetic talking machine. Issued 4-10-28. (28)
- 1,665,784; Iwadare Toru. Method of manufacturing a new syphilis remedy from dihydroxy diamino arseno benzene monomethylene sulphonic acid. Issued 4-10-28. (39)
- 1,665,806; All. Eisenach Spezial Fabrik Fur. Method of and apparatus for disintegrating bulky scrap metal. Issued 4-10-28. (28)
- 1,665,822; Shimizu Selzo. Torsion meter. Issued 4-10-28. (39)
- 1,665,827; Tillmann Richard. Packing device for pressure vessels. Issued 4-10-28. (28)
- 1,665,872; All. Luftschiffbau Zeppelin GmbH. Assemblage point device. Issued 4-10-28. (28)
- 1,665,878; Glassel Karl. Regulating device for refrigerating machines. Issued 4-10-28. (28)
- 1,665,881; All. Lechler Paul Firm. Bituminous product and method of making same. Issued 4-10-28. (28)
- 1,665,886; All. Luftschiffbau Zeppelin GmbH. Gas inflated airship. Issued 4-10-28. (28)
- 1,665,895; All. Luftschiffbau Zeppelin GmbH. Shaft coupling. Issued 4-10-28. (28)
- 1,665,968; Liedtke Hans. Method of mending fabric articles. Issued 4-10-28. (28)
- 1,665,993; Tetens Ocas. Process for the production of unsintered binding means of oil shale and limestone and the like. Issued 4-10-28. (28)
- 1,666,076; Ufer Alfred. Economizer. Issued 4-17-28. (28)
- 1,666,090; Gahlert Fran Josef. Process for the aftertreatment of freshly spun artificial silk. Issued 4-17-28. (28)
- 1,666,128; Franco Attilio. Steam generator. Issued 4-17-28. (38)
- 1,666,208; All. Lanz Heinrich A G. Motor vehicle with horizontal engine. Issued 4-17-28. (28)
- 1,666,343; All. Kenkyujo Zaidan Hojin Rikagoku. Method of manufacturing piston rings. Issued 4-17-28. (39)
- 1,666,360; Tancetti Guglielmo. Cleaning device. Issued 4-17-28. (38)
- 1,666,372; Fejes Jenő. Vehicle brake. Issued 4-17-28. (34)
- 1,666,375; Guiducci Igino. Lock nut. Issued 4-17-28. (38)
- 1,666,428; Stobrawa Karl. Process of preparing pig iron in highly heated mixers. Issued 4-17-28. (28)
- 1,666,447; Goldschmidt Stefan. Process for the oxidation of alcohol. Issued 4-17-28. (28)
- 1,666,455; Klee Joseph et al; Schneider Alfons. Lifting jack for vehicles. Issued 4-17-28. (28)
- 1,666,472; Boltersdorf Josef; Seybold Christian et al. Paper making machine. Issued 4-17-28. (28)
- 1,666,557; All. Deckel Friedrich Firm. Camera shutter. Issued 4-17-28. (28)
- 1,666,560; Edeleanu Lazar et al; Pfeiffer Karl; Gress Karl. Jodeck Paul. Method of refining heavy mineral oils by means of sulphur dioxide in a continuous operation. Issued 4-17-28. (28)
- 1,666,573; Krantz Hubert. Device for returning water or condensation to boilers. Issued 4-17-28. (28)
- 1,666,579; Moller Franz et al; Moritz Martin; Gerstenberger Albin. Scaring pistol. Issued 4-17-28. (28)
- 1,666,584; Schindler Linus Paul. Safety device for printing machines. Issued 4-17-28. (28)
- 1,666,590; All. Soc Italiana Ernesto Breda. Steam turbine locomotive. Issued 4-17-28. (38)
- 1,666,609; Soffge Hermann. Pressure regulator. Issued 4-17-28. (28)
- 1,666,656; Bartling Friedrich, Honigmann Ludwig et al. Ring oven with revolving hearth. Issued 4-17-28. (28)
- 1,666,693; All. I G Farbenindustrie A G. Composition to be used in connection with antiknock compounds. Issued 4-17-28. (28)
- 1,666,695; Grebehem Hugo. Safety device for preventing railway accidents. Issued 4-17-28. (28)
- 1,666,696; All. I G Farbenindustrie A G. Process for utilization of Lignin. Issued 4-17-28. (28)
- 1,666,697; Grossmann Gustav. Diathermic apparatus. Issued 4-17-28. (28)
- 1,666,708; All. I G Farbenindustrie A G. Manufacture of paraformaldehyde. Issued 4-17-28. (28)
- 1,666,756; Sass Carl. Cleansing box for use in sewerage pipes. Issued 4-17-28. (28)
- 1,666,852; Grosse Friedrich. Stoll shutter mechanism for photographic cameras. Issued 4-17-28. (28)
- 1,666,892; Ernst Wilhelm Eberhard. Apparatus for regulating mixture formation in carburetor systems. Issued 4-24-28. (28)
- 1,666,952; Tockhorn Hugo. Addressing device for printing presses for printing of fixed text with changeable address. Issued 4-24-28. (28)
- 1,666,958; Cederberg Ivar Walfrid. Catalytic combustion of ammonia oxygen mixtures. Issued 4-24-28. (28)
- 1,666,986; All. Jagenbergwerke A G. Cigarette packing machine. Issued 4-24-28. (28)
- 1,667,035; All. Jaroslaws Erste Glimmerwarenfabrik. Insulating tube. Issued 4-24-28. (28)
- 1,667,038; All. Borsig A GmbH. Refrigerating system. Issued 4-24-28. (28)
- 1,667,062; Tessky Karl. Automatic control mechanism. Issued 4-24-28. (28)
- 1,667,214; All. I G Farbenindustrie A G. Condensation product from olefines and hydrocarbons of the naphthalene series and process of making the same. Issued 4-24-28. (28)
- 1,667,221; Sakamoto Kyugoro. Let off for looms. Issued 4-24-28. (39)
- 1,667,237; Binz Arthur et al; Rath Curt. Process for the preparation of organic arsenic compounds. Issued 4-24-28. (28)
- 1,667,238; Binz Arthur et al; Rath Curt. Method for the reduction of arsonic acids. Issued 4-24-28. (28)
- 1,667,246; Dreyer Hans. Railway track inspection apparatus. Issued 4-24-28. (28)
- 1,667,423; Lichtenberger Theodor et al; Flor Konrad. Process for obtaining alkaline earth metal sulphides from alkaline earth metal sulphates. Issued 4-24-28. (28)



- 1,667,446; Steffen Carl Jr. Process for obtaining tricalcium saccharate. Issued 4-24-28. (6)
- 1,667,449; All. Faber A W Firm. Magnifying device for slide rules. Issued 4-24-28. (28)
- 1,667,461; All. Kaisha Saibi Mjiami Kabushiki. Apparatus for arranging edges of net fabrics in net making machines. Issued 4-24-28. (39)
- 1,667,484; Liese Paul. Translucent wall ceiling and floor structure. Issued 4-24-28. (28)
- 1,667,517; Hausleiter Fritz Hermann. Metal framed half tone screen and method of forming the metal frame thereon. Issued 4-24-28. (28)
- 1,667,572; Toyoda Kiichiro. Shuttle changing apparatus for automatic looms. Issued 4-24-28. (39)
- 1,667,628; Fottinger Hermann. Direct reading torsion meter. Issued 4-24-28. (28)
- 1,667,630; All. Wolf George GmbH. Optical tube for cystoscopes, gastroscopes and the like. Issued 4-24-28. (28)
- 1,667,635; Naus Friedrich. Knife edge bearing for weighing apparatus. Issued 4-24-28. (6)
- 1,667,642; Vanzetti Carlo. Method for prevention of cracking of castings. Issued 4-24-28. (38)
- 1,667,664; All. Deutsche Werke Kiel A G. Compensated induction motor for single or polyphase alternating current. Issued 4-24-28. (28)
- 1,667,703; Simon Ernst. Apparatus for charging fireplaces with highly inflammable loose fuel. Issued 4-24-28. (28)
- 1,667,709; Schiering Hermann et al; Reinhardt Arthur. Railway signaling device. Issued 4-24-28. (28)
- 1,667,742; Scheibel Kurt Gustav. Machine for perforating jacquard cards for embroidering machines. Issued 5-1-28. (28)
- 1,667,766; All. Magnet Werk GmbH Eisenach. Magnetic chuck. Issued 5-1-28. (28)
- 1,667,783; Harkort Hermann. Apparatus for determining the degree of fineness of pulverulent or fine granular masses by means of suspension. Issued 5-1-28. (28)
- 1,667,784; Haupt Hans. Collapsible umbrella. Issued 5-1-28. (28)
- 1,667,787; All. Trierer Walzwerk A G. Method of applying a plating of aluminum to iron and steel sheets and bands. Issued 5-1-28. (28)
- 1,667,793; Mauser Alfons. Method of reinforcing the walls of packing cases. Issued 5-1-28. (28)
- 1,667,817; Notshiki Yoshitoshi. Electrode. Issued 5-1-28. (39)
- 1,667,972; Horvath Ferdinand Sr. Album for photos and their negatives and or for index cards and the like. Issued 5-1-28. (28)
- 1,668,007; Eichelgrun Martin. Inclined plane switch. Issued 5-1-28. (28)
- 1,668,016; All. Neue Gluhlampen GmbH. Crystal wire filament for incandescent electric lamps and the method of winding it. Issued 5-1-28. (28)
- 1,668,133; Weichel Otto et al; Hollinderbauer Wilhelm. Cupola furnace. Issued 5-1-28. (28)
- 1,668,172; Sasaki Miki. Plastic composition for modeling. Issued 5-1-28. (39)
- 1,668,275; Hess Wilhelm. Treatment of hydrocarbons. Issued 5-1-28. (28)
- 1,668,292; Spless Georg. Pneumatic sheet feeder. Issued 5-1-28. (28)
- 1,668,294; Walter Josef. Rail lifter. Issued 5-1-28. (6)
- 1,668,366; All. Sachsenwerk Licht und Kraft A G. Compensated asynchronous machine. Issued 5-1-28. (28)
- 1,668,382; Schroeder Curt et al; Keil Alfred. Base for ointments. Issued 5-1-28. (28)
- 1,668,398; Erismann Theodore. Tire valve. Issued 5-1-28. (28)
- 1,668,457; All. Siemens and Halske A G. Rate of flow indicator with electric integration for fluids and gases flowing through a venturi tube. Issued 5-1-28. (28)
- 1,668,531; All. Rheinische Metallwaren und. Calculating machine. Issued 5-1-28. (28)
- 1,668,537; All. Junkers Hugo. Air heater. Issued 5-1-28. (28)
- 1,668,571; Niederberger Albert. Steering means for cycles motor cycles and other vehicles. Issued 5-8-28. (6)
- 1,668,590; Hilfreich Max. Process of manufacturing blocks of artificial resin in differently colored layers. Issued 5-8-28. (6)
- 1,668,660; Shimamoto Saichi. Method of treating pulverized vegetable fuels. Issued 5-8-28. (39)
- 1,668,755; Bergmann Georg. Packing. Issued 5-8-28. (28)
- 1,668,825; Sobek Emanuel. Discharge funnel for silos. Issued 5-8-28. (6)
- 1,668,927; Stumpf Johann. Noncondensing steam engine. Issued 5-8-28. (28)
- 1,669,005; Hustadt Karl Hustadt Paul et al; Heating element for tempering machines. Issued 5-8-28. (28)
- 1,669,021; Rockstroh Walter. Driving mechanism for flat form printing machines. Issued 5-8-28. (28)
- 1,669,046; All. Hesser FR Maschinenfabrik A G. Machine for wrapping loaves of bread. Issued 5-8-28. (28)
- 1,669,049; Grams Wilhelm. Cultivator. Issued 5-8-28. (28)
- 1,669,062; All. Menzel A G. Heat exchange apparatus. Issued 5-8-28. (28)
- 1,669,174; All. Siemens and Halske A G. Automatic telephone system. Issued 5-8-28. (28)
- 1,669,213; All. Minimax A G. Process of generating foam from foam developing substances. Issued 5-8-28. (28)
- 1,669,301; All. Triumph Werke Nurnberg A G. Ribbon shifting means for typewriters. Issued 5-8-28. (28)
- 1,669,303; Maltner Heinrich. Pocket lighter. Issued 5-8-28. (28)
- 1,669,317; Wolff Friedrich. Safety device for gas plants. Issued 5-8-28. (28)
- 1,669,333; All. Maschinenfabriken Tillm Gerber Sohne. Partition means for fluid containers particularly for dyeing machines and the like. Issued 5-8-28. (28)
- 1,669,395; Guttman Eugen. Instrument for taking samples of secretions. Issued 5-8-28. (28)
- 1,669,410; Caletini Luigi. Automobile jack structure. Issued 5-15-28. (38)
- 1,669,424; All. Thyssen and Co AG. Valve. Issued 5-15-28. (28)
- 1,669,439; Bergius Friedrich. Process for distilling and liquefying coal. Issued 5-15-28. (28)
- 1,669,453; Brock Heinrich. Wiring system for transformers for multiphase furnaces. Issued 5-15-28. (28)
- 1,669,592; All. Luftschiffbau Zeppelin GmbH. Rigid airship. Issued 5-15-28. (28)
- 1,669,657; Dunkel Richard et al; Wilde Albert. Machine for roping straw or other vegetables. Issued 5-15-28. (28)
- 1,669,729; All. Pharmagans Pharmaceutisches Institut Ampule. Issued 5-15-28. (28)
- 1,669,793; All. Maschinenfabrik Laube Kurt U. Rudolf. Box making machine. Issued 5-15-28. (28)
- 1,669,819; Goltstein Ewald. Mercury vapor lamp. Issued 5-15-28. (28)
- 1,669,831; Kulas Carl. Method of producing artificial resin. Issued 5-15-28. (28)
- 1,669,840; Politz Friedrich. Powder for welding castings particularly of gray cast iron. Issued 5-15-28. (28)
- 1,669,846; Wenz Jonathan et al.; Alvera Josef; Brunhubner Georg. Soldering machine. Issued 5-15-28. (28)
- 1,669,892; Beck Carl. Sucking or feeding bottle. Issued 5-15-28. (28)
- 1,669,993; Muller Heinrich. Toy figure. Issued 5-15-28. (28)
- 1,669,996; Naumann Willi. Cash register. Issued 5-15-28. (28)
- 1,669,997; Noll Friedrich. Persalts and process of making the same. Issued 5-15-28. (28)
- 1,670,006; Imamura Shinataro. Issued 5-15-28. (39)
- 1,670,358; Prym Hans. Wireworking machine. Issued 5-22-28. (28)
- 1,670,016; All. Treuhand GmbH. Bartmann and Co. Method of treating cereals. Issued 5-15-28. (28)
- 1,670,049; All. Goldschmidt th. A G. Production of solid finely divided material. Issued 5-15-28. (28)
- 1,670,064; Dittmar Udo. Drawing roller for spinning machines. Issued 5-15-28. (28)
- 1,670,203; Moller Rudolf. Automatic charging hopper for receptacles especially for producers. Issued 5-15-28. (28)
- 1,670,208; All. Officina Meccanica Industria. Apparatus for the manufacture of fancy knitted fabrics on circular knitting frames. Issued 5-15-28. (38)
- 1,670,217; Scheidt Ernest Otto. Sterilization of clear and turbid liquids by means of ultra violet rays produced in vacuum tubes by high voltage electric current. Issued 5-15-28. (28)
- 1,670,256; Gruber Karl et al; Stappen Albert. Work piece shifting device for use in connection with reciprocating or oscillating rolling mills. Issued 5-15-28. (28)
- 1,670,301; Eisenmenger Rudolf. Apparatus for producing or promoting artificial breathing or respiration. Issued 5-22-28. (6)
- 1,670,336; All. Krupp Firm Fried Grusonwerk A G. Extrusion press. Issued 5-22-28. (28)
- 1,670,341; Casale Luigi Dec. Process for the preparation of urea from carbonic anhydride and synthetic ammonia. Issued 5-22-28. (38)
- 1,670,413; Kneidl Hans. Milling machine having crank drive and automatic feed. Issued 5-22-28. (28)
- 1,670,449; Hashimoto Tokujiro. Cosmetic. Issued 5-22-28. (39)
- 1,670,470; All. Menck & Hambrock GmbH. Boom for shovel excavators. Issued 5-22-28. (28)
- 1,670,504; All. I. G. Farbenindustrie A G. Manufacture of di ammonium phosphate. Issued 5-22-28. (28)
- 1,670,577; Joannes Giuseppe. Thermometer. Issued 5-22-28. (38)
- 1,670,581; Kesselring Fritz. Continuous current variable speed machine. Issued 5-22-28. (28)
- 1,670,617; All. Grunhut Friedrich. Automatic brake device for trains. Issued 5-22-28. (28)
- 1,670,643; Weidner Edmund. Apparatus for the delivery of soap and the like in portions. Issued 5-22-28. (28)
- 1,670,661; Holtschmit Friedrich. Driving mechanism for hoists moving staircases and the like. Issued 5-22-28. (28)
- 1,670,681; Haas Rudolf. Rotary pump motor and meter. Issued 5-22-28. (28)
- 1,670,757; Von Bronk Otto. Apparatus for the electrical transmission of pictures. Issued 5-22-28. (28)
- 1,670,861; Ludowichi Johann Wilhelm. Photographic plate changing means. Issued 5-22-28. (28)
- 1,670,884; Erkens Paul. Paper making machine. Issued 5-22-28. (28)
- 1,670,914; Tessky Karl. Belt drive. Issued 5-22-28. (28)
- 1,670,991; Schilde Richard. Apparatus for drying fabrics and the like. Issued 5-22-28. (28)
- 1,670,999; Wiegand Hugo. Eye carrier and eyelid for dolls eyes. Issued 5-22-28. (28)

- 1,671,108; Frolich Ernst. Railway switching system. Issued 5-29-28. (28)
- 1,671,115; Linnmann Wilhelm Jr. Apparatus for separating liquids of different specific gravities. Issued 5-29-28. (28)
- 1,671,119; Medveczky Ladislav. Safety stopper for bottles or other receptacles. Issued 5-29-28. (34)
- 1,671,245; Kraus Ferdinand. Alternating current rectifier. Issued 5-29-28. (28)
- 1,671,248; Lichtenstern Richard. Method for impregnation of unpaved streets. Issued 5-29-28. (6)
- 1,671,256; Rath Curt. Process for the preparation of 2 amino 5 iodo pyridine. Issued 5-29-28. (28)
- 1,671,257; Rath Curt. Process for the preparation of hydrazino pyridine compounds. Issued 5-29-28. (28)
- 1,671,291; Ihlefeldt Johannes. Multi chamber mill for grinding materials of all kinds. Issued 5-29-28. (28)
- 1,671,311; Pfarr Max. Hoeing machine. Issued 5-29-28. (28)
- 1,671,312; Pollak Robert. Pocket comb. Issued 5-29-28. (6)
- 1,671,448; Plassmann Josef. Retort for carbonizing bituminous fuels. Issued 5-29-28. (28)
- 1,671,453; Stier Hermann. Metal truck. Issued 5-29-28. (28)
- 1,671,469; All. Siemens Gebruder and Co. Electric resistance. Issued 5-29-28. (28)
- 1,671,532; Lemansky Alex et al; Ziepl Sebastian. Stringed musical instrument. Issued 5-29-28. (28)
- 1,671,549; All. Burger Eisenwerke GMBH. Furnace for domestic heating plants for solid fuel. Issued 5-29-28. (28)
- 1,671,678; All. Hartstoff Metall AG Hametag. Eddy or whirling mill. Issued 5-29-28. (28)
- 1,671,683; All. Hartstoff Metall AG Hametag. Method and device for producing finely granulated bodies from molten metal. Issued 5-29-28. (28)
- 1,671,712; Gebauer Ferencz. Machine gun for flying machines. Issued 5-29-28. (34)
- 1,671,722; Ishii Shokichi. Typewriter. Issued 5-29-28. (39)
- 1,671,730; Lange Felix. Method of alumino thermic pressure welding. Issued 5-29-28. (28)
- 1,671,917; Zobelein August. Conveying device. Issued 5-29-28. (28)
- 1,671,918; Zobelein August. Conveying device. Issued 5-29-28. (28)
- 1,671,922; Avorio Luigi. Slack balloon with elastic deformation. Issued 5-29-28. (38)
- 1,671,983; Faust Carl. Spring coiling tool. Issued 6-5-28. (28)
- 1,671,992; Mannborg Theodor. Bellows regulating device. Issued 6-5-28. (28)
- 1,672,008; Stiattesi Raffaello. Interliner. Issued 6-5-28. (38)
- 1,672,031; All. Lanz Heinrich AG. Internal combustion engine. Issued 6-5-28. (28)
- 1,672,138; All. Johne Werk Grafische maschinen AG. Cutting machine for paper cardboard and the like. Issued 6-5-28. (28)
- 1,672,144; Zanchi Attilio. Skein with the thread crossed in the form of a figure eight for the examination of the yarn and an apparatus for the production of the skein. Issued 6-5-28. (38)
- 1,672,172; All. Rump Joh Moritz AG. Method of annealing sheet metal. Issued 6-5-28. (28)
- 1,672,206; Gehring Rudolf. Fingerprint taking device. Issued 6-5-28. (28)
- 1,672,340; Rath Curt. Derivatives of 3 or 5 iodo pyridine. Issued 6-5-28. (28)
- 1,672,343; Rothmann Eduard. Steel engraving printing machine. Issued 6-5-28. (28)
- 1,672,345; Schneider John Josef. Oil retaining and dust excluding ring. Issued 6-5-28. (28)
- 1,672,420; Muller Friedrich. Small size barrel organ. Issued 6-5-28. (28)
- 1,672,473; Scheibert Friedrich. Inflatable and collapsible boat. Issued 6-5-28. (28)
- 1,672,527; Heintze Georg. Machine for drawing wool or other textile fiber materials. Issued 6-5-28. (28)
- 1,672,565; Giordano Filippo. Luminous number plate for motor vehicles. Issued 6-5-28. (38)
- 1,672,644; Hoffmann Helmut et al; Mark Hermann; Herzog Reginald Oliver. Nozzle for spinning artificial threads. Issued 6-5-28. (28)
- 1,672,688; Pommee Jean. Filling for dissolved gas and method of producing same. Issued 6-5-28. (28)
- 1,672,788; All. I G Farbenindustrie AG. Producing alumina free from iron. Issued 6-5-28. (28)
- 1,672,807; Etzel Heinrich. Driving mechanism for oscillating conveyers. Issued 6-5-28. (28)
- 1,672,915; All. Bing Werke. Connection plate for toy electric railways. Issued 6-13-28. (28)
- 1,672,936; Hara Shoyemon. Apparatus for sinking down dredge piers. Issued 6-12-28. (39)
- 1,672,948; All. I G Farbeindustrie AG. Process for the continuous purification of raw bisulphide of carbon. Issued 6-12-28. (28)
- 1,672,965; Szekeres Richard. Match box. Issued 6-12-28. (34)
- 1,673,053; Ohba Shintaro. Tuyere for blast furnaces. Issued 6-12-28. (39)
- 1,673,054; Rosenberger Paul. Metal casting apparatus. Issued 6-12-28. (28)
- 1,673,059; Baier Wilhelm. Garment hanger. Issued 6-12-28. (28)
- 1,673,060; Brinkmann Ernst. Multicolor printing on rotary presses. Issued 6-12-28. (28)
- 1,673,090; Real Walter. Paper filing device. Issued 6-12-28. (28)
- 1,673,197; Kollmann Hermann. Spring motor. Issued 6-12-28. (28)
- 1,673,208; All. Felten and Guillaume Carswerk A G. Method of manufacturing uniformly loaded conductors used for signaling purposes. Issued 6-12-28. (28)
- 1,673,237; Gerdes Franz. Automatic crane grab. Issued 6-12-28. (28)
- 1,673,242; Hauptner Rudolf. Veterinary instrument for embryotomy. Issued 6-12-28. (28)
- 1,673,253; Krantz Hubert. Tenting and drying machine for textile fabrics. Issued 6-12-28. (28)
- 1,673,264; Nagasaki Haruzo. Method of treating tea. Issued 6-12-28. (39)
- 1,673,286; Inoue Kojiro. Attachment metal fitting for detachable bridge dentures. Issued 6-12-28. (39)
- 1,673,327; Hahn Paul. Lacing for apparel. Issued 6-12-28. (28)
- 1,673,375; All. Dienzle Uhrenfabriken A G. Fare indicator. Issued 6-12-28. (28)
- 1,673,481; All. Luftschiffbau Zeppelin GmbH. Airship hull. Issued 6-12-28. (28)
- 1,673,497; All. Luftschiffbau Zeppelin GmbH. Gas inflated airship. Issued 6-12-28. (28)
- 1,673,680; Hugershoff Reinhard. Device for copying from pairs of photographs. Issued 6-12-28. (28)
- 1,673,686; Kremmling Otto. Machine for coating or incrusting confectionery biscuits and the like. Issued 6-12-28. (28)
- 1,673,702; All. Bergmann Elektrizitats werke A G. Loom. Issued 6-12-28. (28)
- 1,673,894; All. Neufeldt & Kuhnke Betriebs-gesellschaft. Pointer telegraph. Issued 6-19-28. (28)
- 1,673,899; Brozeit Carl. Pneumatic apparatus for cutting coal and the like. Issued 6-19-28. (28)
- 1,674,007; All. C Otto & Co. GmbH. Coke pushing machine. Issued 6-19-28. (28)
- 1,674,077; All. IG Farbenindustrie AG. Production of alkali metal nitrates. Issued 6-19-28. (28)
- 1,674,105; Gascard Charles. Mine prop. Issued 6-19-28. (28)
- 1,674,112; Hering Friedrich. Device for the manufacture of metal balls. Issued 6-19-28. (28)
- 1,674,119; Miyaguchi Takeo. Method of making ferroboron and boron steel. Issued 6-19-28. (39)
- 1,674,120; Nozawa Ichiro. Steel or iron pillar particularly adapted for mounting electric wires. Issued 6-19-28. (39)
- 1,674,163; Diederichs Friedrich Josef. Fuel lighter. Issued 6-19-28. (28)
- 1,674,177; Nyakas Stefan. Speed aeroplane. Issued 6-19-28. (34)
- 1,674,182; Sieghelm Fritz. Manufacture of double walled glass vessels. Issued 6-19-28. (28)
- 1,674,217; All. Officina Meccanica Industria. Circular knitting frame. Issued 6-19-28. (38)
- 1,674,228; Schmidt Karl. Signaling apparatus for waiters. Issued 6-19-28. (28)
- 1,674,230; All. Fulmit GmbH. Process for drying and extracting gases from metallic powders. Issued 6-19-28. (28)
- 1,674,234; Adrian Jakob. Stopping mechanism for shoe sewing machines. Issued 6-19-28. (28)
- 1,674,236; Bauer Heinrich. Steel wire brush for cleaning the types on typewriting machines. Issued 6-19-28. (28)
- 1,674,326; Garbuio Giuseppe. Drying apparatus for the drying of alimentary paste. Issued 6-19-28. (38)
- 1,674,348; Szabo Sandor. Automatic feed pump especially for locomotive boilers. Issued 6-19-28. (34)
- 1,674,356; All. Koepf Firm of Rudolph & Co. Process for weighting silk. Issued 6-19-28. (28)
- 1,674,431; Giesecke Fritz. Apparatus for annealing metal. Issued 6-19-28. (28)
- 1,674,506; Ernst Hans. Valve for preserving receptacles. Issued 6-19-28. (28)
- 1,674,557; All. Maybach Firm Motorenbau GmbH. Controlling the transmission gear of motor vehicles. Issued 6-19-28. (28)
- 1,674,568; Raab Leopold. Internal combustion engine. Issued 6-19-28. (6)
- 1,674,676; All. Allgemeine Chemische Industrie. Process for treating oils with liquid sulphur dioxide. Issued 6-26-28. (28)
- 1,674,710; Wittek Herbert. Process of separating the neutral oils in tars tar oils and pitches from acid constituents. Issued 6-26-28. (28)
- 1,674,751; Von Luettwitz Ernst Freiherr. Equalized braking mechanism for single track vehicles. Issued 6-26-28. (28)
- 1,674,773; Fritzsche Johannes. Safety fuse. Issued 6-26-28. (6)
- 1,674,808; Suzuki Masoaki. Chalk holder. Issued 6-26-28. (28)
- 1,674,875; Schaurte Werner. Screw gauge. Issued 6-26-28. (28)
- 1,674,912; Meyer Ulfilas. Conductor loaded with wound on conductors. Issued 6-26-28. (28)
- 1,674,963; All. Vereinigte seidenweberein A G. Loom lay mounting. Issued 6-26-28. (28)
- 1,674,969; Glaser Jakob. Apparatus for cutting rock coal and the like. Issued 6-26-28. (28)
- 1,674,984; Muller Karl. Automatic controlling apparatus for pumps compressors and the like. Issued 6-26-28. (28)
- 1,675,008; Von Rosthorn Oscar. Process for the manufacture of copper alloys. Issued 6-26-28. (6)
- 1,675,041; Nakahara Toichi. Door lock. Issued 6-26-28. (39)
- 1,675,205; All. Lurgi Apparatebau GmbH. Tilttable multiple contact switch. Issued 6-26-28. (28)
- 1,675,216; Heimberger Hermann. Endoscope. Issued 6-26-28. (28)



- 1,675,233; All. Atlas Werke Pohler and Co. Multiple sole pressing machine. Issued 6-26-28. (28)
- 1,675,272; Jung Peter. Process of making briquettes. Issued 6-26-28. (28)
- 1,675,320; Allzeit Emil. Piston valve. Issued 7-3-28. (28)
- 1,675,364; All. Wolf George GmbH. Optical apparatus for examining cavities and tubes in the body. Issued 7-3-28. (28)
- 1,675,402; Binz Arthur et al; Rath Curt. Method of preparing nitropyridine arsenic acids. Issued 7-3-28. (28)
- 1,675,495; All. Deutsche Werke Kiel AG. Protective device for compensated asynchronous motors. Issued 7-3-28. (28)
- 1,675,508; Muller Georg. Buttonhole sewing machine. Issued 7-3-28. (28)
- 1,675,522; All. Bayerische Celluloidwarenfabrik Vorm. Diver toy. Issued 7-3-28. (28)
- 1,675,664; Reuss Wilhelm. Welding medium for aluminum. Issued 7-3-28. (28)
- 1,675,674; Szarvasy Imre. Process for the production of carbon electrodes. Issued 7-3-28. (34)
- 1,675,676; Walther Ewald. Press for the cold extruding of tubes from metal disks. Issued 7-3-28. (28)
- 1,675,678; All. Junkers Hugo. Explosion motor to be utilized under various atmospheric conditions. Issued 7-3-28. (28)
- 1,675,735; Stohr Franz. Method of baking the linings of crucibles. Issued 7-3-28. (28)
- 1,675,742; All. Studiengesellschaft Fuer Wirtschaft. Electrode holder for electric furnaces. Issued 7-3-28. (28)
- 1,675,764; Mickel Georg. Sparking plug. Issued 7-3-28. (28)
- 1,675,799; Goldschmidt Rudolf. Mechanism for measuring the frequency of the pulse. Issued 7-3-28. (28)
- 1,675,800; Goldschmidt Rudolf. Mechanism for measuring the frequency of the pulse. Issued 7-3-28. (28)
- 1,675,833; Strittmatter August. Apparatus for the manufacture of artificial marble slabs. Issued 7-3-28. (28)
- 1,675,837; Beckmann Johannes. Explosion-proof fitting for electric glowlamps. Issued 7-3-28. (28)
- 1,675,873; Bauer Martin. Handpiece for tooth boring machines. Issued 7-3-28. (28)
- 1,675,887; Hammer Hans. Daybook. Issued 7-3-28. (28)
- 1,675,892; All. Schmidt Sche Heissdampf GmbH. Steam boiler. Issued 7-3-28. (28)
- 1,675,943; Mairich Carl. Bakehouse oven. Issued 7-3-28. (28)
- 1,675,960; All. Krupp Fried AG. Alternating current induction motor. Issued 7-3-28. (28)
- 1,675,966; Wolff Friedrich. Regulating device for gas and air mixing plants gas delivery plants and the like. Issued 7-3-28. (28)
- 1,675,974; Gambarotta Piero. Speed indicating device. Issued 7-3-28. (38)
- 1,675,977; All. Kenkyujo Zaidan Hojin Rikagaku. Process of making solvent oil. Issued 7-3-28. (39)
- 1,676,014; All. Ludenscheider Metallwerke AG Vorm. Safety locking device. Issued 7-3-28. (28)
- 1,676,015; Feick Otto. Sporting apparatus. Issued 7-3-28. (28)
- 1,676,026; All. Schmidt Sche Heissdampf GmbH. Water gauge for steam boilers. Issued 7-3-28. (28)
- 1,676,041; Nagao Seturo. Unloading machine. Issued 7-3-28. (39)
- 1,676,068; Bayer Gaudenz. Refrigerating apparatus. Issued 7-3-28. (28)
- 1,676,121; Von der Heide Richard. Process of transforming pieces of curds into cheese by treatment with salts. Issued 7-3-28. (28)
- 1,676,125; Wollin Karl et al; Smolczyk Eduard. Device for indicating admixtures to gases and liquids. Issued 7-3-28. (28)
- 1,676,175; Benz Johannes. Centering device for use in machining crank shafts eccentrics or the like. Issued 7-3-28. (28)
- 1,676,177; Claas August. Knotter for binding mowers and straw binders. Issued 7-3-28. (28)
- 1,676,267; Kunzel Kurt. Process of making glass in a shaft furnace. Issued 7-10-28. (28)
- 1,676,299; Stock Johann Jacob Friedrich. Device for cleaning and smoothing films and the like. Issued 7-10-28. (28)
- 1,676,333; Kattwinkel Hans. Resilient intermediate member for jointed couplings and the like. Issued 7-10-28. (28)
- 1,676,354; Sachse Anna Elise. Back support for baths. Issued 7-10-28. (28)
- 1,676,367; Stockemann Ernst. Stageless change speed gearing. Issued 7-10-28. (28)
- 1,676,398; Lengemann Paul. Foot arch support. Issued 7-10-28. (28)
- 1,676,451; Lilge Friedrich. Packing or filling body. Issued 7-10-28. (28)
- 1,676,523; All. Schmiertechnik fur AG. Grease cup. Issued 7-10-28. (28)
- 1,676,550; Hanamann Anton. Water closet system. Issued 7-10-28. (6)
- 1,676,701; All. Suddeutschen Telephon Apparate Kabel. Method of manufacturing electron emitting cathodes. Issued 7-10-28. (28)
- 1,676,709; Polanyi Michael et al; Von Bogdandy Stephan. Process for determining the composition of copper and zinc alloys. Issued 7-10-28. (28)
- 1,676,862; All. Boehringer C H Sohn Chemische Fabrik. Process for the production of quinoline 4 carboxylic acids. Issued 7-10-28. (28)
- 1,676,981; De Renzis Guglielmo. Apparatus for the manufacture of bottles and other glass hollow ware. Issued 7-10-28. (38)
- 1,677,019; Casati Pietro et al; Antoniola Alessandro. Arrangement for eliminating the dangers due to back fires in carburetors. Issued 7-10-28. (38)
- 1,677,179; Gopel Carl. Device for discharging praline cores from the powdering box. Issued 7-17-28. (28)
- 1,677,216; Schauer Paul. Rotary compressor. Issued 7-17-28. (28)
- 1,677,219; Sussmann Hugo. Stocking frame. Issued 7-17-28. (28)
- 1,677,223; Wittig Auguste. Chamber pot. Issued 7-17-28. (28)
- 1,677,247; Neuhaus Gottfried. Sorting machine. Issued 7-17-28. (28)
- 1,677,257; All. Michael J and Co. Process for the manufacture of arsenic acid. Issued 7-17-28. (28)
- 1,677,263; Ballert Otto. Tipping car. Issued 7-17-28. (28)
- 1,677,409; Rottmann Fritz et al; Brohmeyer Friedrich. Absorption plant for gases and vapors. Issued 7-17-28. (28)
- 1,677,419; All. Benz and Cie Rheinische Automobil U. Steering gear. Issued 7-17-28. (28)
- 1,677,438; Frohnhauser Heinrich. Apparatus for producing meshed sheet metal flat bars and hoop iron. Issued 7-17-28. (28)
- 1,677,446; Hartmetz Ernst. Blower. Issued 7-17-28. (28)
- 1,677,450; Iden Max Wilhelm. Float. Issued 7-17-28. (28)
- 1,677,462; Roger Karl et al; Schoenleben Hans Walther Fritz. Matrix setting and type line casting machine. Issued 7-17-28. (28)
- 1,677,524; All. Maschinenfabrik Augsburg Neurnberg. Gasometer. Issued 7-17-28. (28)
- 1,677,529; Pollak Alfred. Manufacture of yeast especially by the aeration process. Issued 7-17-28. (6)
- 1,677,559; All. Perlner Stickmaschinenfabrik. Combined guiding and feeding device for crank embroidery machines and the like. Issued 7-17-28. (28)
- 1,677,661; Schlosshauer Alfred. Central lubricating apparatus for stiff lubricants. Issued 7-17-28. (28)
- 1,677,712; All. I G Farbenindustrie AG. Electrode holder. Issued 7-17-28. (28)
- 1,677,726; All. Badische Maschinenfabrik. Method of and apparatus for delivering sand into molds. Issued 7-17-28. (28)
- 1,677,730; All. I G Farbenindustrie AG. Manufacture of paraformaldehyde. Issued 7-17-28. (28)
- 1,677,731; Wilhelm Friedrich (57) Sautermeister Carl et al. Process of working up acid resins obtained from the refining of mineral oil derivatives into neutral bitumens. Issued 7-17-28. (28)
- 1,677,816; Daya Werner. Railway signal apparatus. Issued 7-17-28. (28)
- 1,677,875; Szilvay Cornelius. Apparatus for extinguishing fire. Issued 7-17-28. (34)
- 1,677,940; All. Kuttner Fr Firm. Spinning machine for spinning. Issued 7-24-28. (28)
- 1,678,020; All. Tischler and Seichter. Device for opening and closing attic windows. Issued 7-24-28. (28)
- 1,678,079; All. Doll and Co. AG. Rail joint connection for toy railways. Issued 7-24-28. (28)
- 1,678,089; Ullmann Gustav. Method of and apparatus for cleaning high pressure boiling apparatus. Issued 7-24-28. (6)
- 1,678,090; Wehrle Otto. Casing for electric transformers and the like. Issued 7-24-28. (28)
- 1,678,091; All. Maschinenfabrik Augsburg Nuernberg. Adjusting the proportion of color to thinning agent in connection with intaglio printing machines. Issued 7-24-28. (28)
- 1,678,153; Martin Karl. Price indicating balance. Issued 7-24-28. (28)
- 1,678,212; Ernst Wilhelm Eberhard. Auxiliary combustion space in internal combustion engines. Issued 7-24-28. (28)
- 1,678,235; All. Siemens Schuckertwerke GmbH. Steam boiler. Issued 7-24-28. (28)
- 1,678,238; All. Progress textilmaschinen GmbH. Crankshaft mechanism for the slay of looms. Issued 7-24-28. (28)
- 1,678,256; Klar Max. Process of manufacturing white acetate of lead solutions or crystals out of pyroligneous acid. Issued 7-24-28. (28)
- 1,678,413; Zahringer Alexander. Grinding machine. Issued 7-24-28. (28)
- 1,678,428; Franco Attilio. Articulated coupling for rigid frame units. Issued 7-24-28. (38)
- 1,678,435; Hunnebeck Emil Moritz. Self contained latticework. Issued 7-24-28. (28)
- 1,678,447; Schwenke Robert. Driving device for the front wheels of motor cars. Issued 7-24-28. (28)
- 1,678,460; Breslauer Max. Photographic apparatus. Issued 7-24-28. (28)
- 1,678,480; All. Kienzle Uhrenfabriken AG. Fare indicator. Issued 7-24-28. (28)
- 1,678,536; All. Niederbayerische Cellulosewerke. Circulation of liquids in preheaters and steam generators. Issued 7-24-28. (28)
- 1,678,553; Brandegger Willy. Sound producing instrument. Issued 7-24-28. (28)
- 1,678,571; Meyer Friedrich Wilhelm. Process of purifying sugar solutions. Issued 7-24-28. (28)
- 1,678,572; Monforts Joseph. Fabric shearing machine. Issued 7-24-28. (28)

- 1,678,609; Spanier Fritz. Toothpick. Issued 7-24-28. (28)
- 1,678,655; All. Lanz Heinrich AG. Production of iron castings. Issued 7-31-28. (28)
- 1,678,709; Schurmann Walter. Sectional or link shaft. Issued 7-31-28. (28)
- 1,678,734; Kuhn Wilhelm. Fluid operated tool. Issued 7-31-28. (28)
- 1,678,747; All. Marx W and Co. Dough kneading machine for the production of dough portions ready for baking. Issued 7-31-28. (28)
- 1,678,751; All. Record Cement Industrie GmbH. Method of distilling oil shale and providing a raw material suitable for the manufacture of hydraulic cement. Issued 7-31-28. (28)
- 1,678,759; All. Baumgartner F A Dr Katz and Co GmbH. Manufacture of hollow bodies from fibrous material pulp. Issued 7-31-28. (28)
- 1,678,760; Binz Arthur et al; Rath Curt. Process for the preparation of arsenic compounds. Issued 7-31-28. (28)
- 1,678,778; Harter Hans. Apparatus for carrying out chemical reactions between gases or vapors or gases and vapors. Issued 7-31-28. (28)
- 1,678,785; Pfaffenberger Hans. Toy vehicle. Issued 7-31-28. (28)
- 1,678,797; Arnold Carl. Spark producing figure wheeled toy. Issued 7-31-28. (28)
- 1,678,932; Buhler Georg. Suction apparatus. Issued 7-31-28. (28)
- 1,678,985; Kohlen Josef. Rock drill. Issued 7-31-28. (28)
- 1,679,018; Bartling Friedrich. Gas tight seal for relatively. Issued 7-31-28. (28)
- 1,679,034; Horii Shinjiro. Stencil sheet. Issued 7-31-28. (39)
- 1,679,037; All. De Haen E AG. Boiler composition and method of making same. Issued 7-31-28. (28)
- 1,679,055; All. I G Farbenindustrie AG. Crystallization apparatus. Issued 7-31-28. (28)
- 1,679,078; Fleissner Hans. Method of drying coal and like fuels. Issued 7-31-28. (6)
- 1,679,106; Weinstein Alfred. Sound producing device. Issued 7-31-28. (28)
- 1,679,267; Rieger Clara. Combined walking stick and tripod. Issued 7-31-28. (28)
- 1,679,308; Jordan Franz. Method of plating metals with aluminum. Issued 7-31-28. (28)
- 1,679,356; Grunewald Heinrich. Aeroplane. Issued 8-7-28. (28)
- 1,679,360; Jung Jacob. Die throwing device. Issued 8-7-28. (28)
- 1,679,363; Kohler Max. Work guide for overseaming machines. Issued 8-7-28. (28)
- 1,679,384; Stahl Hans. Facet tooth. Issued 8-7-28. (28)
- 1,679,428; Kohler Max. Circular looper. Issued 8-7-28. (28)
- 1,679,433; All. Cannstatter Misch und Knetmaschinen. Safety appliance for hydraulic accumulators. Issued 8-7-28. (28)
- 1,679,469; All. Maschinenfabrik Augsburg. Rail vehicles. Issued 8-7-28. (28)
- 1,679,482; Lerden Bernhard. Spectacles with lighting device. Issued 8-7-28. (6)
- 1,679,491; All. Maschinenfabrik Augsburg. Vertical internal combustion engine. Issued 8-7-28. (28)
- 1,679,492; All. Maschinenfabrik Augsburg. Starting device for starting combustion engines. Issued 8-7-28. (28)
- 1,679,494; All. Maschinenfabrik Augsburg. Power plant. Issued 8-7-28. (28)
- 1,679,550; All. Luftschiffbau Zeppelin GmbH. Gas supported airship. Issued 8-7-28. (28)
- 1,679,564; All. Luftschiffbau Zeppelin GmbH. Gas container for airships. Issued 8-7-28. (28)
- 1,679,611; Kupelwieser Hans. Wall construction. Issued 8-7-28. (6)
- 1,679,661; Hugershoff Reinhard. Stereoscopic measuring instrument. Issued 8-7-28. (28)
- 1,679,680; All. Officina O M I M Industria. Stripping apparatus for circular hosery machines. Issued 8-7-28. (38)
- 1,679,685; Schroder Wilhelm Gotthilf. Device for the cooling of fatty emulsions or the like. Issued 8-7-28. (28)
- 1,679,743; All. Maschinenfabrik Augsburg. Internal combustion engine with fuel injected sidewise. Issued 8-7-28. (28)
- 1,679,850; Berl Ernst. Process for the manufacture of threads films and the like from cellulose derivatives. Issued 8-7-28. (28)
- 1,679,851; Brecht Emil et al; Fugmann Rudolf. Blowing machine for the manufacture of hats. Issued 8-7-28. (28)
- 1,679,905; Kassner Ernst. Resetting mechanism. Issued 8-7-28. (28)
- 1,679,976; Junkers Hugo. Internal combustion engine. Issued 8-7-28. (28)
- 1,679,989; Roser Heinrich. Baking oven. Issued 8-7-28. (28)
- 1,679,993; All. Pfalzische Chamotte und Thonwerke. Heat exchanging structure for air heater and the like. Issued 8-7-28. (28)
- 1,680,008; All. Rohrbogenwerk GmbH. Apparatus for straightening the ends of bent pipes. Issued 8-7-28. (28)
- 1,680,017; Fornaca Guido. Two stroke engine of the opposed piston type. Issued 8-7-28. (38)
- 1,680,019; Guadagni Giuseppe. Apparatus for the formation of nitric acid or hydrochloric acid. Issued 8-7-28. (38)
- 1,680,052; Lanka Arthur. Accordion. Issued 8-7-28. (28)
- 1,680,066; All. Rhenania Verein Chemischer. Process for obtaining pure alumina and alkali metal carbonates. Issued 8-7-28. (28)
- 1,680,183; Rozinek Arthur; Szikla Geza et al. Fuel dust furnace. Issued 8-7-28. (34)
- 1,680,186; Von Frommer Rudolf. Automatic Firearm. Issued 8-7-28. (34)
- 1,680,194; Akashi Kazue. Drawing compass having a lengthening device of legs. Issued 8-7-28. (39)
- 1,680,206; Cordes Walter. Dental engine. Issued 8-7-28. (28)
- 1,680,215; Friedel Paul. Device for stopping railroad vehicles independently of the driver. Issued 8-7-28. (28)
- 1,680,587; Binz Arthur et al; Rath Curt. Process for the manufacture of 2 hydroxy 3 bromo 5 pyridin arsonic acid. Issued 8-14-28. (28)
- 1,680,616; Horst Friedrich Wilhelm. Sealed Package. Issued 8-14-28. (28)
- 1,680,625; All. I G Farbenindustrie A G. Process of producing phosphoric acid. Issued 8-14-28. (28)
- 1,680,865; Fujii Masao. Method of neutralizing acidity or alkalinity of decomposed product or products by glutamic acid or its salts. Issued 8-14-28. (39)
- 1,680,906; Neumann Fritz. Centrifugal pump. Issued 8-14-28. (28)
- 1,680,908; Nishida Hiroto et al; Shimada Keiichi. Method of preparing artificial petroleum from rubber scrap or vulcanized rubber waste. Issued 8-14-28. (39)
- 1,680,930; Ando Katsutaro. Combined lock and latch. Issued 8-14-28. (39)
- 1,681,043; Luyken Hugo. Cupola with forehearth. Issued 8-14-28. (28)
- 1,681,077; All. Bensa Felice. Manufacture of highly chlorinated perylenes. Issued 8-14-28. (38)
- 1,681,195; All. Rhenania Kunheim Verein. Process for producing zirconium compounds. Issued 8-21-28. (28)
- 1,681,196; All. Siemens Schuckertwerke GmbH. Device for breaking the connections of electric circuits. Issued 8-21-28. (28)
- 1,681,315; Von Frommer Rudolf. Safety mechanism for firearms. Issued 8-21-28. (34)
- 1,681,320; All. Gottlieb Max Firm. Process for the preparation of a liquid for rinsing the mouth and means for applying it. Issued 8-21-28. (28)
- 1,681,341; Helbig Albin Berthold. Water cooled furnace wall. Issued 8-21-28. (28)
- 1,681,356; Luckwell Arthur. Process and apparatus for weaving together the ends of similarly woven belts and bands. Issued 8-21-28. (28)
- 1,681,379; All. Suzuki Saburosuoke. Method of collecting inorganic potassium salt betain salt and glutamic acid from the waste liquor produced in distilling alcohol from fermented beet molasses. Issued 8-21-28. (39)
- 1,681,416; Lichtenberger Richard. Padlock. Issued 8-21-28. (28)
- 1,681,460; Bruhn Friedrich Wilhelm Gustav. Recording device. Issued 8-21-28. (28)
- 1,681,471; Eckhardt Fritz et al; Hohnekamp Max. Safety device for series connected incandescent electric lamps. Issued 8-21-28. (28)
- 1,681,477; Hass Hans. Ships funnel. Issued 8-21-28. (28)
- 1,681,538; Hoffmann Franz. Treatment of liquids such as milk with rays more particularly with ultra violet rays. Issued 8-21-28. (6)
- 1,681,583; Guttner Georg. Rotary motor or compressor. Issued 8-21-28. (28)
- 1,681,593; Pahl Karl. Sheet piling. Issued 8-21-28. (28)
- 1,681,605; Zweigle Gottlob. Testing the quality of cotton fibers and the like. Issued 8-21-28. (28)
- 1,681,689; Stern Ottokar. Arrangement for laying foundations. Issued 8-21-28. (6)
- 1,681,694; Bock Max M. Planet gear. Issued 8-21-28. (28)
- 1,681,708; Murakoshi Kogoro. Induced current medical instrument with condenser. Issued 8-21-28. (39)
- 1,682,006; Franco Attilio. Steam locomotive. Issued 8-28-28. (38)
- 1,682,025; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 8-28-28. (28)
- 1,682,074; Forster Bernhard. Method for the manufacturing of snappers for snap rings. Issued 8-28-28. (28)
- 1,682,087; Muller Emilie Elsa. Round knitting machine. Issued 8-28-28. (28)
- 1,682,091; All. Kuhl Transit Verkehrs AG. Heat tight and air tight closing device for doors. Issued 8-28-28. (28)
- 1,682,121; Gebbert Arthur. High frequency oscillation system for medical apparatus. Issued 8-28-28. (28)
- 1,682,131; Klein Hugo et al; Kuhn Paul. Gridwork for air heaters. Issued 8-28-28. (28)
- 1,682,146; Riebe Carl. Device for producing confectionery containing an aromatic liquid. Issued 8-28-28. (28)
- 1,682,152; Szelinski Reinhold. Automatic railway coupling. Issued 8-28-28. (28)
- 1,682,155; Toennissen Ernst. Wheel for pressing the empty tubes upon the spindles of spinning and doubling frames. Issued 8-28-28. (28)
- 1,682,156; Toennissen Ernst. Pressing off device for tubes and yarn bodies of spinning and doubling frames. Issued 8-28-28. (28)
- 1,682,259; Wilden Albert. Identity card holder. Issued 8-28-28. (28)
- 1,682,261; Gabler Adlersfeld Hugo. Production of imitation paintings. Issued 8-28-28. (6)
- 1,682,262; Antoni Ugo. Body structure for aerial and land vehicles and marine craft. Issued 8-28-28. (38)
- 1,682,265; Brighenti Plinio. Process and device for concentrating incrusting or corrosive solutions. Issued 8-28-28. (38)
- 1,682,290; Kuhnle Adolf. Connection device specially for jewelry. Issued 8-28-28. (28)



- 1,682,336; Hentschel Robert. Suction device for multistage centrifugal pumps. Issued 8-28-28. (28)
- 1,682,382; All. I G Farbenindustrie AG. Sulphonated cellulose derivatives and process of preparing them. Issued 8-28-28. (28)
- 1,682,405; All. Luft Fahrzeug GmbH. Non-rigid airship. Issued 8-28-28. (28)
- 1,682,434; All. I G Farbenindustrie AG. Manufacture of condensation products containing sulphur. Issued 8-28-28. (28)
- 1,682,521; Huttemann Wilhelm. Door lock. Issued 8-28-28. (28)
- 1,682,560; Gruber Hans. Explosive mine. Issued 8-28-28. (28)
- 1,682,628; Romanowicz Marian et al; Romanowicz Johann. Photographic film or plate pack. Issued 8-28-28. (6)
- 1,682,646; Weber Gustav. Machine for producing wood screws from pressed blanks. Issued 8-28-28. (28)
- 1,682,657; Blank Ernst. Brushlike implement for painting with liquid substances. Issued 8-28-28. (28)
- 1,682,724; Bungeroth Rudolf. Tube Expander. Issued 8-28-28. (28)
- 1,682,965; Heinitz Woldemar. Straight knitting frame. Issued 9-4-28. (28)
- 1,683,040; Junkers Hugo. Working oil engine. Issued 9-4-28. (28)
- 1,683,050; All. Widerstand AG fur Elektro Warme. Electric resistance for electrically heated boilers. Issued 9-4-28. (28)
- 1,683,144; All. Drager Alexander Bernhard. Inhaling apparatus for narcotics. Issued 9-4-28. (28)
- 1,683,176; Faulhaber Jacob. Catch drop for bottles. Issued 9-4-28. (28)
- 1,683,206; All. Elektrizitats Sanitas GmbH. Surgical motor. Issued 9-4-28. (28)
- 1,683,316; Suchorzynski Anton von. Hearing apparatus. Issued 9-4-28. (28)
- 1,683,362; Loffler Stephan. Fluid level indicator and leading in arrangement for electrodes in hot high pressure rooms. Issued 9-4-28. (28)
- 1,683,470; Knope Carl. Process for the production of waterproof textile material paper and the like. Issued 9-4-28. (28)
- 1,683,507; Weber Richard. Process of producing baskets and other basketwork structures. Issued 9-4-28. (28)
- 1,683,560; Lage Ernst August. Process for the production of photographic plates films and the like for indirect three color photography. Issued 9-4-28. (28)
- 1,683,701; All. Bakelite GmbH. Artificial resin and making the same. Issued 9-11-28. (28)
- 1,683,709; All. Rangiertechnisch GmbH. safety contrivance on permanent railway tracks. Issued 9-11-28. (28)
- 1,683,714; All. Emmel Karl. Process for the production of iron castings with a low carbon content. Issued 9-11-28. (28)
- 1,683,715; Erban Richard. Pressure device for friction gears brakes couplings and the like. Issued 9-11-28. (6)
- 1,683,753; Beeneken Adolf. Apparatus for obtaining synchronism between picture and music in cinematographic performances. Issued 9-11-28. (28)
- 1,683,764; All. Luftschiffbau Zeppelin GmbH. Gas inflated airship. Issued 9-11-28. (28)
- 1,683,771; All. Hesser Fr Maschinenfabrik AG. Closing bag. Issued 9-11-28. (28)
- 1,683,780; Hulsmeyer Christian. Method of and apparatus for purifying water. Issued 9-11-28. (28)
- 1,683,788; Mauser Alfons. Container such as Barrel drum or the like. Issued 9-11-28. (28)
- 1,683,900; Kabollus Edmund. Safety device for blasting or explosive cartridges. Issued 9-11-28. (6)
- 1,683,966; Forster Frigyes. Portable building. Issued 9-11-28. (34)
- 1,684,128; Edelman Emil Oskar. Device for bringing and holding heavy working pieces in a suitable position during the welding process. Issued 9-11-28. (28)
- 1,684,229; Koenigsberger Johann. Measuring instrument. Issued 9-11-28. (28)
- 1,684,320; Hermsdorf Ewald. Apparatus for feeding powdered fuel to a furnace. Issued 9-11-28. (28)
- 1,684,324; All. Hofbuchdruckerei von C Dunnhaupt. Register sheet for printing presses and the like. Issued 9-11-28. (28)
- 1,684,332; All. Patent Treuhand G fur Elektrische. Method of producing glass. Issued 9-11-28. (28)
- 1,684,336; Von Kornatzki Hans Hoffmuller. Medicinal soap. Issued 9-11-28. (28)
- 1,684,488; Haeusser Friedrich et al; Bestehorn clamping bow. Issued 9-11-28. (28)
- 1,684,354; Liebergeld Paul. Mechanical time fuse with clockwork. Issued 9-11-28. (28)
- 1,684,359; Muller Ernst. Fur testing and cutting device. Issued 9-11-28. (28)
- 1,684,363; All. Felten and Guilleaume Carlsberg AG. Lead sheathed telephone cable. Issued 9-11-28. (28)
- 1,684,372; Mainlein Max. Metallic playing card. Issued 9-11-28. (6)
- 1,684,488; Haeusser Friedrich et al; Bestehorn Rudolf. Atomizer for liquids. Issued 9-18-28. (28)
- 1,684,519; Scheerbarth Friedrich Wilhelm. Apparatus for automatic regulation of different wave lengths for wireless receivers. Issued 9-18-28. (28)
- 1,684,562; All. Zaidan Hojin Rikagaku Kenkyujo. Process of producing a new acid and its salts strongly absorbing ultra violet rays. Issued 9-18-28. (39)
- 1,684,564; Toppe Friedrich Wilhelm Heinrich. Wheel made of netting. Issued 9-18-28. (28)
- 1,684,680; Oess Gustav. Construction of tracks of street railways. Issued 9-18-28. (28)
- 1,684,691; All. Firma L and C Steinmiller. Water tube boiler. Issued 9-18-28. (28)
- 1,684,710; Methfessel Carl. Wax melting apparatus. Issued 9-18-28. (28)
- 1,684,712; Nitsche Max Paul. Process for the production of fertilizers. Issued 9-18-28. (28)
- 1,684,782; Rubinstein Hans. Process for the manufacture of double carbonate of sodium and magnesium. Issued 9-18-28. (6)
- 1,684,795; Gnudi Alfonso. Display method. Issued 9-18-28. (38)
- 1,684,849; Ruggeberg Carl Eduard. Device for firmly attaching exchangeable blades to hoes mattocks or the like. Issued 9-18-28. (28)
- 1,684,918; All. Stock motorpflug AG. Chain track for motor vehicles. Issued 9-18-28. (28)
- 1,684,950; Dornseif Hugo. Manufacture of skate blades with thickened edges. Issued 9-18-28. (28)
- 1,685,000; Resch Oskar. Device for moving the eyes of dolls. Issued 9-18-28. (28)
- 1,685,094; Punga Edwin Alwin Franklin. Method and device for balancing rotating machine parts. Issued 9-25-28. (28)
- 1,685,343; Stock Emil. Method for planning stormproof zones around or through wood districts. Issued 9-25-28. (28)
- 1,685,345; Voss Erdmann. Hair drying apparatus. Issued 9-25-28. (28)
- 1,685,346; Weiskopf Otto. Tens carrying device for calculating machines. Issued 9-25-28. (28)
- 1,685,373; Ohagen Heinrich. Milling cutter for cutting sharply pointed angular incisions into wood. Issued 9-25-28. (28)
- 1,685,402; All. Vereinigte Stahlerwerke AG. Manufacture of highest pressure conduits. Issued 9-25-28. (28)
- 1,685,407; Mannich Charles. Dicyclic derivatives of pentamethylene and process for the manufacture of same. Issued 9-25-28. (28)
- 1,685,411; Arnold Carl. Interchangeable transparent disk on spark producing toys with changing pictures. Issued 9-25-28. (28)
- 1,685,412; Arnold Carl. Spark producing toy. Issued 9-25-28. (28)
- 1,685,450; Fornada Guido. Brake of the expanding shoe type. Issued 9-25-28. (38)
- 1,685,543; Lackner Michael Johann. Burner for regenerative furnaces. Issued 9-25-28. (28)
- 1,685,557; Regelsberger Hermann. Apparatus for analyzing the alveolar air from the lungs. Issued 9-25-28. (28)
- 1,685,589; All. Kienzle Uhrenfabriken AG. Fare indicator. Issued 9-25-28. (28)
- 1,685,601; All. Hesser Fr Maschinenfabrik AG. Machine for wrapping up razor blades. Issued 9-25-28. (28)
- 1,685,637; Kempter Fritz. Kneading machine. Issued 9-25-28. (28)
- 1,685,680; All. I G Farbenindustrie AG. Fulling wool and the like. Issued 9-25-28. (28)
- 1,685,693; Claus Bruno. Bed bidet. Issued 9-25-28. (28)
- 1,685,699; Krauth Julius. Apparatus for playing skittles. Issued 9-25-28. (28)
- 1,685,719; Neill David S. Lifeboat. Issued 9-25-28. (38)
- 1,685,724; Rosenthal Julius. Overhead traveling crane for lifting railroad vehicles. Issued 9-25-28. (28)
- 1,685,757; All. Loewe & Co AG. Circular grinding machine. Issued 9-25-28. (28)
- 1,685,810; Giebe Erich et al; Scheibe Adolf. Method of and apparatus for rendering visible oscillations of piezo electrical crystals. Issued 10-2-28. (28)
- 1,685,838; Dittmar Udo. Drawing mechanism for spinning fibrous materials. Issued 10-2-28. (28)
- 1,685,919; All. Hartstoff Metall AG Hametag. Bow trolley for electric vehicles. Issued 10-2-28. (28)
- 1,685,954; Morimoto Sataro. Method of fixing a thin layer of sponge rubber to the surface of india rubber goods. Issued 10-2-28. (39)
- 1,685,956; All. Hartstoff Metall AG Hametag. Whirling mill for the production of finely divided powder. Issued 10-2-28. (28)
- 1,686,098; Meiwald Franz. Insulated flexible conductor and method of producing same. Issued 10-2-28. (6)
- 1,686,167; Neuy Heinrich. Vehicle for receiving and transporting refuse and the like. Issued 10-2-28. (28)
- 1,686,327; All. Elektrische Apparate GmbH. System for the telecontrol of objects. Issued 10-2-28. (28)
- 1,686,371; Fauser Giacomo. Apparatus for the production of synthetic ammonia. Issued 10-2-28. (38)
- 1,686,391; All. I G Farbenindustrie AG. Process of precipitating heavy metals from ammoniacal solutions. Issued 10-2-28. (28)
- 1,686,393; Oshima Kokichi. Method for preventing the blackening of tinned foods. Issued 10-2-28. (39)
- 1,686,409; Geuer Karl. Body tipping wagon. Issued 10-2-28. (28)
- 1,686,503; Schmidtke Frieda. Lamp. Issued 10-2-28. (28)
- 1,686,582; Stoltzenberg Hugo. Process for destroying cacti. Issued 10-9-28. (28)
- 1,686,627; Muller Friedrich Wilhelm. Typewriter. Issued 10-9-28. (28)
- 1,686,807; All. Horst Heinrich. Treatment of peat. Issued 10-9-28. (28)
- 1,686,827; Maag Gustav C. Automatic coupling device for transmission of power. Issued 10-9-28. (28)
- 1,686,865; Klotz Alfred. Electric heat applicator. Issued 10-9-28. (28)

- 1,686,866; Knoth Georg Wilhelm Friedrich Franz. Process for obtaining alkaloids. Issued 10-9-28. (28)
- 1,686,944; All. Optische Anstalt C P; Goerz A G. Photographic box camera. Issued 10-9-28. (28)
- 1,687,050; Yamamoto Shozo. Process for producing lipase. Issued 10-9-28. (39)
- 1,687,056; Carl Rudolf. Process of electrolytically separating the alloys of silver with other precious or base metals. Issued 10-9-28. (6)
- 1,687,064; All. Calabi Giacomo Achille. Device for facilitating the spreading of parachutes. Issued 10-9-28. (38)
- 1,687,070; Krause Gustav. Foot support. Issued 10-9-28. (28)
- 1,687,102; All. Metallogen GmbH. Method of treating the internal and external surfaces of elongated bodies. Issued 10-9-28. (28)
- 1,687,121; All. Siemens and Halske Wernerwerk AG. Bank contact for telephone switches. Issued 10-9-28. (28)
- 1,687,123; All. Deckel Friedrich Präzisionsmechanik. Camera shutter. Issued 10-9-28. (28)
- 1,687,140; All. Ebart Gebr. Watermarked paper. Issued 10-9-28. (28)
- 1,687,193; Bertele Ludwig. Cinematographic projection apparatus with optical compensation. Issued 10-9-28. (28)
- 1,687,282; Czapek Emil et al; Weingand Richard. Detaching hollow flexible bodies from their molds. Issued 10-9-28. (28)
- 1,687,311; All. Sachsenwerk Licht und Kraft AG. Compensated alternate current machine. Issued 10-9-28. (28)
- 1,687,358; Bach Henrik. Gas burner with automatically controlled safety valve. Issued 10-9-28. (57)
- 1,687,377; All. Union Special Maschinenfabrik GmbH. Sewing and edging machine. Issued 10-9-28. (28)
- 1,687,422; Bensien Wilhelm. Cultivator. Issued 10-9-28. (28)
- 1,687,531; All. Westfälische Metallwarenfabrik. Knob and knoblike device. Issued 10-16-28. (28)
- 1,687,563; Honigmann Ludwig et al; Bartling Friedrich. Revolving ring oven. Issued 10-16-28. (28)
- 1,687,608; Fornaca Guido. Expanding shoe brake. Issued 10-16-28. (38)
- 1,687,618; Lauenstein Georg Johann Wilhelm. Agricultural carriage. Issued 10-16-28. (28)
- 1,687,675; Lehmann Ernst Paul. Mechanical toy. Issued 10-16-28. (28)
- 1,687,683; All. Cartonagen Industri Firm AG. Fur apparatus for the grooving of cardboard. Issued 10-16-28. (28)
- 1,687,717; Epstein Keil. Surgical appliance. Issued 10-16-28. (28)
- 1,687,849; Schmidt Theodor. Playing device for guitars and similar instruments. Issued 10-16-28. (28)
- 1,687,866; All. Richter David AG. Flat knitting machine. Issued 10-16-28. (28)
- 1,687,886; All. Magnetwerk the Firm GmbH. Apparatus for the utilization and treatment of difficultly manageable waste material. Issued 10-16-28. (28)
- 1,687,906; Switzeny Paul. Machine for fixing clasps. Issued 10-16-28. (6)
- 1,687,922; Baader Rudolph. Apparatus for filleting fish. Issued 10-16-28. (28)
- 1,687,941; Koenemann Ernst. Steam and other vapor power plant utilizing caustic soda or other auxiliary fluids. Issued 10-16-28. (28)
- 1,687,942; Kriegl Emmerich. Chenille making machine. Issued 10-16-28. (28)
- 1,687,978; Gerling Ernst. Apparatus for assembling knives. Issued 10-16-28. (28)
- 1,688,008; Engl Josef. Holding device. Issued 10-16-28. (28)
- 1,688,059; Sack Werner. Photo copying apparatus. Issued 10-16-28. (28)
- 1,688,127; All. Metallogen GmbH. Process for impregnating metal layers. Issued 10-16-28. (28)
- 1,688,159; All. Darmstadt Firm Drahtindustrie. Drawing ring for wire drawing machines. Issued 10-16-28. (28)
- 1,688,216; Wenzel Max. Apparatus for withdrawing air from suction boxes. Issued 10-16-18. (28)
- 1,688,228; All. Wulffing Johann A Von. Process for manufacturing albumin preparations. Issued 10-16-28. (28)
- 1,688,259; Zernik Franz. Light filter. Issued 10-16-28. (28)
- 1,688,357; Schrader Hans et al; Schoeller Harold. Sulphur of a high degree of dispersion and process of preparing same. Issued 10-23-28. (28)
- 1,688,433; Ratti Giuseppe. Goggles. Issued 10-23-28. (38)
- 1,688,500; Kulas Carl. Method of producing plastic and moldable composition. Issued 10-23-28. (28)
- 1,688,517; Beisler Josef. Method of and means for artificial tooth fastening. Issued 10-23-28. (28)
- 1,688,539; Fischer Johannes. Price scale. Issued 10-23-28. (28)
- 1,688,545; Kato Kitaro. Projected window. Issued 10-23-28. (39)
- 1,688,548; All. Auerbach L and Co. Bronze stamping mill. Issued 10-23-28. (28)
- 1,688,556; Riesz Ivan. Pulling over machine. Issued 10-23-28. (28)
- 1,688,720; Klages August. Treatment of seed. Issued 10-23-28. (28)
- 1,688,721; Kramer Johannes Wilhelm. Ear cap. Issued 10-23-28. (28)
- 1,688,782; Brugger Saverio. Stopping device for looms. Issued 10-23-28. (38)
- 1,688,837; All. Bensa Felice. Process of manufacturing dinitro derivatives of perylene and its compounds. Issued 10-23-28. (38)
- 1,688,857; Domoto Takanoshin. Lining composition for metallic containers. Issued 10-23-28. (39)
- 1,688,944; Schulz Waldemar. Internal combustion engine. Issued 10-23-28. (28)
- 1,689,142; Kohler Heinrich. Fountain pen. Issued 10-23-28. (28)
- 1,689,160; Siegrist Hermann. Turntable for motor driven vehicles. Issued 10-23-28. (28)
- 1,689,220; Arnold Carl. Spark producing toy with changing colors. Issued 10-30-28. (28)
- 1,689,241; Haber Eugen. Mechanical draft installation. Issued 10-30-28. (28)
- 1,689,273; Zipper Emil et al; Zipper Walter. Divided rim. Issued 10-30-28. (6)
- 1,689,368; All. Chemische Fabrik auf Actien Vorm E. Printing ink. Issued 10-30-28. (28)
- 1,689,370; Tessky Karl. Machine for generating and marking cams. Issued 10-30-28. (28)
- 1,689,380; De Bary Ervin Gustave. Game instrument for poker and similar card games. Issued 10-30-28. (28)
- 1,689,389; Horn Guido. Thread guide lever for braiding machines. Issued 10-30-28. (28)
- 1,689,506; Toyoda Kiichiro. Let off motion in weaving looms. Issued 10-30-28. (39)
- 1,689,507; Toyoda Sakichi. Taking up device for circular looms. Issued 10-30-28. (39)
- 1,689,553; Leorhardt Otto. Paper cardboard and pasteboard making machine. Issued 10-30-28. (28)
- 1,689,558; Patten Julius. Shin bone protecting shield for sports. Issued 10-30-28. (28)
- 1,689,559; Raettig Bruno. Automatic starting device for alternate current motors. Issued 10-30-28. (28)
- 1,689,578; Benz Ferdinand Franz. Rapid freezer. Issued 10-30-28. (28)
- 1,689,616; All. Magnet Werk GmbH Eisenach. Electromagnetic chuck. Issued 10-30-28. (28)
- 1,689,646; Tutsch Rudolf. Cover plate for cable channels and the like. Issued 10-30-28. (28)
- 1,689,678; Mauterer Arthur. Method of making piles. Issued 10-30-28. (28)
- 1,689,679; Mauz Karl. Machine for sorting bristles hairs fibers and the like according to desired lengths. Issued 10-30-28. (28)
- 1,689,731; Kohlen Josef. Percussive pneumatic tool. Issued 10-30-28. (28)
- 1,689,748; Oppe Alfred. Process of making alkali metal hypochlorites. Issued 10-30-28. (28)
- 1,689,754; Serra Luigi. Bearing device for rails on sleepers of reenforced cement. Issued 10-30-28. (38)
- 1,689,783; Kertesz Ferenc. Bearing especially for railway vehicles. Issued 10-30-28. (34)
- 1,689,834; Kreissle Hermann. Two stroke cycle internal combustion engine. Issued 10-30-28. (28)
- 1,689,855; Breitenbach Peter. Striping brush. Issued 10-30-28. (28)
- 1,689,868; Fink Wilhelm. Machine for washing fruits and vegetables. Issued 10-30-28. (28)
- 1,689,880; Kuchenmeister Heinrich Johannes. 1 sound reproducing instrument. Issued 10-30-28. (28)
- 1,689,895; All. I G Farbenindustrie AG. Method of spinning artificial silk. Issued 10-30-28. (28)
- 1,690,039; Schufftan Eugen. Art of making motion pictures. Issued 10-30-28. (28)
- 1,690,097; All. Brann and Wolff Firm. Safety valve. Issued 11-6-28. (28)
- 1,690,120; Kieselbach Clemens. Steam generating system. Issued 11-6-28. (28)
- 1,690,122; Kuchenmeister Heinrich J. Gramophone. Issued 11-6-28. (28)
- 1,690,126; Nielebock Walter. Reciprocating engine. Issued 11-6-28. (28)
- 1,690,268; Barth Hans. Reverse plating device for circular knitting machines. Issued 11-6-28. (28)
- 1,690,296; Hirth Albert. Crank shaft. Issued 11-6-28. (28)
- 1,690,349; Walther Franz. Toothed gearing for building toys. Issued 11-6-28. (28)
- 1,690,482; All. Mitteldeutsche Stahlwerke AG. Basin. Issued 11-6-28. (28)
- 1,690,499; Nolte Karl. Connecting piece for iron sheet piling. Issued 11-6-28. (28)
- 1,690,524; All. Siemensschuckertwerke GmbH. Switching system. Issued 11-6-28. (28)
- 1,690,635. All. Metallbank and Metallurgische. Apparatus for cleansing and cooling gases. Issued 11-6-28. (28)
- 1,690,651; All. Hannoverakassen GmbH. Calculating machine. Issued 11-6-28. (28)
- 1,690,682; Fries Franz; Imhoff Karl et al. Method of and apparatus for dealing with floating sludge in digestion chambers for sewage treatment. Issued 11-6-28. (28)
- 1,690,765; Antoni Ugo. Construction of flexible aeroplane wings with variable profile. Issued 11-6-28. (38)
- 1,690,784; Hilgers Wilhelm. Molding machine for butter, margarine and the like. Issued 11-6-28. (28)
- 1,690,788; All. Brose Metallwerk Max and Co. Speedometer. Issued 11-6-28. (28)
- 1,690,795; Sagramoso Guido. Electric furnace. Issued 11-6-28. (38)
- 1,690,805; Wolters Gustav Otto. Regenerative coke oven. Issued 11-6-28. (28)
- 1,690,837; Rehle Ignaz. Insertable arch support. Issued 11-6-28. (28)
- 1,690,880; Schmidt Otto Traugott Karl. Vacuum jacketed vessel. Issued 11-6-28. (28)
- 1,690,894; Dutzmann Wilhelm. Press for treating boards of alkali cellulose and the like. Issued 11-6-28. (28)



- 1,690,934; All. Metallbank und metallurgische. Apparatus for distilling combustible materials. Issued 11-6-28. (28)
- 1,691,070; All. Martini and Huneke Maschinenbau AG. Apparatus for dispensing liquids. Issued 11-13-28. (28)
- 1,691,075; All. Schloemann A G. Mandrel upsetting press. Issued 11-13-28. (28)
- 1,691,101; All. Holtzmann and Cie E A G. Wood grinder. Issued 11-13-28. (28)
- 1,691,210; Scherbaum Bernhard. Grinding and pulverizing mill. Issued 11-13-28. (28)
- 1,691,221; Bernhard Rudolf et al; Demann Walter. Hydrogenizing tar oil. Issued 11-13-28. (28)
- 1,691,233; Ehrlich Adolf. Vehicle propelled by steppers. Issued 11-13-28. (34)
- 1,691,314; Toyoda Sakichi. Shedding motion for circular looms. Issued 11-13-28. (39)
- 1,691,386; All. Rosenstein Paul. Surgical instrument for making ligatures. Issued 11-13-28. (28)
- 1,691,393; Kamps Johann. Stationary cowl with wind channels. Issued 11-13-28. (28)
- 1,691,532; All. I G Farbenindustrie A G. Solder for aluminum. Issued 11-13-28. (28)
- 1,691,575; Kruse Wilhelm. Impulse dial apparatus for automatic telephone systems. Issued 11-13-28. (28)
- 1,691,593; All. Rohrbach Metall Flugzeugbau GmbH. Aircraft with pusher screw. Issued 11-13-28. (28)
- 1,691,636; Breisig Albert. Apparatus for producing gas and coke in alternately working water gas generators. Issued 11-13-28. (6)
- 1,691,648; Drager Alexander Bernhard Dec. Breathing device. Issued 11-13-28. (28)
- 1,691,827; Schuckher Albert. Apparatus for purifying and moistening air. Issued 11-13-28. (6)
- 1,691,836; Agatz Heinz. Electric cigar and pipe lighter with exchangeable incandescent body. Issued 11-13-28. (28)
- 1,691,898; Kosfeld Wilhelm. Machine for shaping and grinding stones for blast furnaces. Issued 11-13-28. (28)
- 1,691,913; Bangert Heinrich et al; Huhn Gustav. Regenerative furnace. Issued 11-20-28. (28)
- 1,691,918; All. Kohlenschiedungs GmbH. Boiler structure with pulverized coal burning furnace. Issued 11-20-28. (28)
- 1,691,931; Sander Wilhelm et al; Muller Karl. Bearing metal alloy. Issued 11-20-28. (28)
- 1,691,932; Muller Karl et al; Sander Wilhelm. Bearing metal alloy. Issued 11-20-28. (28)
- 1,691,953; Bacci Romeo et al; Vacca Guido. Decompressor valve. Issued 11-20-28. (38)
- 1,692,009; Wagele Emil. Remote control device for power winches and the like. Issued 11-20-28. (28)
- 1,692,105; Abromelt Alfred. Horoscopic interpretation apparatus for hours and days. Issued 11-20-28. (28)
- 1,692,143; Strunz Wilhelm. Apparatus for washing the eyes. Issued 11-20-28. (28)
- 1,692,144; Thielicke Karl. Automatic egg boiler. Issued 11-20-28. (28)
- 1,692,146; Arnold Carl. Spark toy. Issued 11-20-28. (28)
- 1,692,147; Arnold Carl. Spark producing toy with rack operated driving mechanism and changing colors. Issued 11-20-28. (28)
- 1,692,148; Arnold Carl. Spark toy. Issued 11-20-28. (28)
- 1,692,149; Castan Karl. Ruling apparatus for characters. Issued 11-20-28. (28)
- 1,692,162; Exsternbrink Otto. Wall coffee mill for two different grinding materials. Issued 11-20-28. (28)
- 1,692,168; Gluck Emil. Mechanism for direct mechanical adjusting of the abutment for the thread guides on flat hosiery frames. Issued 11-20-28. (28)
- 1,692,175; Kersten Julius. Furnace for the decomposition of alkali metal chlorides. Issued 11-20-28. (28)
- 1,692,219; Medveczky Ladislav. Envelope and other article of paper. Issued 11-20-28. (34)
- 1,692,224; Ritsert Eduard. Amino aromatic esters for use as anaesthetics and method of making same. Issued 11-20-28. (28)
- 1,692,243; All. Schopper Alfred. Measuring apparatus for the thickness of webs. Issued 11-20-28. (28)
- 1,692,245; Brero Francesco. Electric machine for welding metallic tubes or pipes. Issued 11-20-28. (38)
- 1,692,272; Lampl Alfred. Supplemental resistance for serially mounted lamps. Issued 11-20-28. (28)
- 1,692,283; Adam Carl Andreas. Means for producing printing plates specially for poster printing. Issued 11-20-28. (28)
- 1,692,327; Brero Francesco. Electric upsetting or jolting machine. Issued 11-20-28. (38)
- 1,692,357; Turati Ambrogio. Machine for spinning cotton and other textile materials. Issued 11-20-28. (38)
- 1,692,373; Greve Paul. Drying means for yarn sizing machines. Issued 11-20-28. (28)
- 1,692,380; All. Aachener Maschinenbau GmbH. Needle feeding mechanism. Issued 11-20-28. (28)
- 1,692,397; Wagner Rudolf. Helicopter. Issued 11-20-28. (28)
- 1,692,411; Kassner Ernst. Check issuing and adding machine. Issued 11-20-28. (28)
- 1,692,417; All. Bensa Felice. Manufacture of cyanides of the perylene series. Issued 11-20-28. (38)
- 1,692,446; Imhoff Karl. Heatable sludge digestion chamber for sewage treatment. Issued 11-20-28. (28)
- 1,692,494; Eisele Leonhard. Support for knives of mowing machines. Issued 11-20-28. (28)
- 1,692,496; All. Seiffert Franz Co A G. Slide stop valve. Issued 11-20-28. (28)
- 1,692,502; Harm Rudolf. Suspension device for wall charts. Issued 11-20-28. (28)
- 1,692,519; Spilling Arthur. Society game. Issued 11-20-28. (28)
- 1,692,525; Werner Ernst. Calendar. Issued 11-20-28. (28)
- 1,692,527; Wiegel Albert. Sleeve holder. Issued 11-20-28. (28)
- 1,692,554; All. Leiter Josef Fabrik Chirurgischer. Device for illuminating all kinds of hollow members. Issued 11-20-28. (6)
- 1,692,597; All. Spiess Georg. Sheet feeding and delivering apparatus for platen printing presses. Issued 11-20-28. (28)
- 1,692,610; Barthelmess Emil. Silo. Issued 11-20-28. (28)
- 1,692,787; All. I G Farbenindustrie A G. Method of purifying gases containing phosphorous. Issued 11-20-28. (28)
- 1,692,802; Arnold Carl. Illuminated top. Issued 11-27-28. (28)
- 1,692,900; All. Chemisch Pharmazeutische AG Bad. Basic quinine solution. Issued 11-27-28. (28)
- 1,692,933; All. Maruichi Goshikaisha. Ferrocement reinforced concrete sleeper. Issued 11-27-28. (39)
- 1,692,936; Heusler Friedrich. Copper alloy. Issued 11-27-28. (28)
- 1,692,959; Steinert Johann. Glove. Issued 11-27-28. (28)
- 1,693,056; Schwarz Christian Johann Georg. Fastener for the mouth frames of hand bags. Issued 11-27-28. (28)
- 1,693,076; Geissler Franz. Casting apparatus for first quality and refined steels. Issued 11-27-28. (28)
- 1,693,091; Loth Julius. Method of manufacturing artificial limbs and similar devices. Issued 11-27-28. (28)
- 1,693,106; Brauckmeyer Rudolf. Method of degreasing raw wool. Issued 11-27-28. (28)
- 1,693,111; Fornaca Guido. Wheel suspension means for motor vehicles. Issued 11-27-28. (38)
- 1,693,134; Brendlin Adolf. Device for cleaning tubes or the like. Issued 11-27-28. (28)
- 1,693,150; All. Donner Julius. Box. Issued 11-27-28. (34)
- 1,693,151; Mayer Paul. Device for holding and applying cosmetics and the like. Issued 11-27-28. (6)
- 1,693,183; Rothmann Gerhard. Portable compressor plant. Issued 11-27-28. (28)
- 1,693,224; All. Drahtindustrie Peter Darmstadt & Co. Multiple wire drawing machine for drawing fine wires from suitable material. Issued 11-27-28. (28)
- 1,693,468; All. Klonee Aug Firm. Sealing piston for reservoirs for the storage of gas steam or easily evaporating liquids. Issued 11-27-28. (28)
- 1,693,520; Kondo Rennosuke. Cylinder of an internal combustion engine. Issued 11-27-28. (39)
- 1,693,524; Mundlos Rudolf. Feeding mechanism for sewing machines. Issued 11-27-28. (28)
- 1,693,558; Durr Karl. Automatic manufacturing of bead chains. Issued 11-27-28. (28)
- 1,693,563; Muller Heinrich. Hollow toy figure. Issued 11-27-28. (28)
- 1,693,582; Kochy Friedrich. Dough kneading machine. Issued 11-27-28. (28)
- 1,693,671; Schmidt Karl. Portable liquid fire extinguisher. Issued 12-4-28. (28)
- 1,693,697; Hafner Wilhelm. Composition of matter for use in honing razors and other knives. Issued 12-4-28. (28)
- 1,693,768; Steinruck Hermann. Screw thread tap. Issued 12-4-28. (28)
- 1,693,779; Franke Fritz. Swimming bladder. Issued 12-4-28. (28)
- 1,693,840; Faudi Fritz. Ball and socket joint. Issued 12-4-28. (28)
- 1,693,902; All. I G Farbenindustrie AG. Process for producing lithopone fast to light. Issued 12-4-28. (28)
- 1,693,953; All. Kasper Getreideschalmaschine GmbH. Machine for husking podding brushing or treating grain. Issued 12-4-28. (28)
- 1,693,983; All. Zellstofffabrik Waldhof. Apparatus for boiling cellulose. Issued 12-4-28. (28)
- 1,693,999; All. Zellstofffabrik Waldhof. Process for filling boilers for cellulose with sulphite solution. Issued 12-4-28. (28)
- 1,694,031; All. Deckel Friedrich Prazisionsmechanik. Gear transmission. Issued 12-4-28. (28)
- 1,694,032; Brecht Emil et al; Fugmann Rudolf. Manufacture of wool felts. Issued 12-4-28. (28)
- 1,694,104; Menschel Reinhold. Pump for atomizers. Issued 12-4-28. (28)
- 1,694,108; Stein Johann Georg. Diving contrivance adapted for deep sea diving. Issued 12-4-28. (28)
- 1,694,112; Windberger Othmar. Underframe for automobile vehicles. Issued 12-4-28. (6)
- 1,694,115; Buttcher Paul. Dovetailing cogging and indenting machine. Issued 12-4-28. (28)
- 1,694,127; All. I G Farbenindustrie AG. Process for the manufacture of cellulose ethers. Issued 12-4-28. (28)
- 1,694,228; All. Krah & Kirchhoff. Worm conveyer. Issued 12-4-28. (28)
- 1,694,305; Ascarelli Enrico. Swiveled axle for motor cars. Issued 12-4-28. (38)
- 1,694,426; Muller Adolf Max. Operating jack for double hooked needles in knitting machines. Issued 12-11-28. (28)
- 1,694,432; Schleifer Carlo. Device for delivering the tufts of textile fibers from combing machines having intermittently rotating nipper drums. Issued 12-11-28. (38)
- 1,694,489; Rubeinstein Leo. Machine for drying veneers. Issued 12-11-28. (6)

- 1,694,509; All. Luftschiffbau Zeppelin GmbH. Tensiometer. Issued 12-11-28. (28)
- 1,694,510; Klufftinger Hermann. Drawing frame. Issued 12-11-28. (28)
- 1,694,524; Zentner Karl. Apparatus for kneading and forming amalgams. Issued 12-11-28. (28)
- 1,694,540; Harr Karl. Sintered magnesite brick and method of making the same. Issued 12-11-28. (28)
- 1,694,546; Lancia Vincenzo. Motor car. Issued 12-11-28. (38)
- 1,694,590; Gopel Carl. Device for dispowdering confectionery. Issued 12-11-28. (28)
- 1,694,628; Sauveur Harry. Tool for inserting stud bolts. Issued 12-11-28. (28)
- 1,694,631; Trojani Pietro D Ascanio Corradino et al. Electromechanical recording and controlling machine. Issued 12-11-28. (38)
- 1,694,648; All. Maschinenfabrik Augsburg Nuernberg. Locomotive. Issued 12-11-28. (28)
- 1,694,672; Rogler Max. Hair curling means. Issued 12-11-28. (28)
- 1,694,703; Doppenschmitt Friedrich. Beaded article of jewelry. Issued 12-11-28. (28)
- 1,694,718; Peters Emil. Dynamic and efficiency meter. Issued 12-11-28. (28)
- 1,694,831; All. Rhenania Kunheim Verein Chemischer. Process for the manufacture of glass containing barium. Issued 12-11-28. (28)
- 1,694,836; Ulbrich Wilhelm. Mercury vapor lamp. Issued 12-11-28. (28)
- 1,694,898; All. Vereinigte Stahlwerke A G. Device for fastening rails. Issued 12-11-28. (28)
- 1,694,999; Wittlinger Richard. Knife. Issued 12-11-28. (28)
- 1,695,011; Valve gear. Issued 12-11-28. (28)
- 1,695,591; Juhasz Kalman. Pressure indicator. Issued 12-18-28. (28)
- 1,695,593; All. Hamburg Amerikanische Uhrenfabrik. Savings clock. Issued 12-18-28. (28)
- 1,695,630; Arima Hikosuke. Mechanism for automatically replenishing weft in power looms. Issued 12-18-28. (39)
- 1,695,656; All. Gehe and Co A G. Method of producing narcotica. Issued 12-18-28. (28)
- 1,695,667; Schuster Rickard. Process for making electrolytes. Issued 12-18-28. (28)
- 1,695,730; Grohs Josef. Fixation device for rails with removable heads. Issued 12-18-28. (6)
- 1,695,794; Becker Otto Jr. Electric safety lamp for miners. Issued 12-18-28. (28)
- 1,695,808; Langbein John. Composition to be added to cement mixings for cold glazes or the like. Issued 12-18-28. (28)
- 1,695,825; Schurmann Julius. Electric fuse. Issued 12-18-28. (28)
- 1,695,930; All. Drager Alexander Bernhard Dec. Inhaling device for administering gases and the like. Issued 12-18-28. (28)
- 1,695,983; Saito Haruko. Method of making bobbed hair holders. Issued 12-18-28. (39)
- 1,695,990; Altpeter Ludwig. Centrifuge. Issued 12-18-28. (28)
- 1,696,052; Ovtshinnikoff Alexander. Machine for manufacturing and packing matches. Issued 12-18-28. (28)
- 1,696,110; Dobele Otto. Dental plate for sucker. Issued 12-18-28. (28)
- 1,696,125; Rantasa Jakob. Propelling arrangement on sleighs. Issued 12-18-28. (6)
- 1,696,197; All. I G Farbenindustrie A G. Production of sodium nitrate. Issued 12-25-28. (28)
- 1,696,199; All. I G Farbenindustrie A G. Aromatic sulphonic acid. Issued 12-25-28. (28)
- 1,696,215; Spiess Georg. Apparatus for removing sheets from a pile. Issued 12-25-28. (28)
- 1,696,254; All. Siemens & Halske A G Wernerk. Automatic telephone system. Issued 12-25-28. (28)
- 1,696,419; All. Internationale Nahrungs und. Method of producing artificial coffee aroma. Issued 12-25-28. (28)
- 1,696,440; Lubke Aloys. Air blower for dental purposes. Issued 12-25-28. (28)
- 1,696,446; Otto Carl. Process for directly producing ammonia. Issued 12-25-28. (28)
- 1,696,507; Sthamer Erich Max Alfred. Foam producing composition. Issued 12-25-28. (28)
- 1,696,663; Becker Georg Friedrich. Connector for incandescent lamps. Issued 12-25-28. (28)
- 1,696,797; Fornaca Guido. Spring controlled gear. Issued 12-25-28. (38)
- 1,696,846; Imhoff Karl. Sewage treatment with the aid of a screen acting like a filter. Issued 12-25-28. (28)
- 1,696,899; Laccovich Celso Pietro. Cement. Issued 1-1-29. (38)
- 1,696,975; All. Rhenania Kunheim Verein Chemischer. Process for preparing fertilizer. Issued 1-1-29. (28)
- 1,697,004; Gutermuth Max Friedrich. Automatically acting spring flap valve. Issued 1-1-29. (28)
- 1,697,006; Bartling Friedrich; Honigmann Ludwig et al. Revolving ring hearth oven. Issued 1-1-29. (28)
- 1,697,012; Kronenberg Rudolph. Rolling mill. Issued 1-1-29. (28)
- 1,697,021; All. Gebruder Siemens and Co. Alternating current arc lamp with inclosed arc. Issued 1-1-29. (28)
- 1,697,084; Pickel Georg. Spring brake for warp beams of looms. Issued 1-1-29. (28)
- 1,697,137; All. Bensa Felice. Process for quantitatively halogenating perylene and its derivatives. Issued 1-1-29. (38)
- 1,697,139; All. Esseff Chemische Industrie Und. Double salts of carboxylic acids of aromatic sulphonic halogen alkalamides and process for manufacturing same. Issued 1-1-29. (6)
- 1,697,160; Berghaus Bruno. Sand thrower for foundries. Issued 1-1-29. (28)
- 1,697,187; Hochherz Carl. Absorption refrigerating apparatus. Issued 1-1-29. (28)
- 1,697,212; All. Vago Paldy GmbH. Securing together of sheets of paper. Issued 1-1-29. (28)
- 1,697,316; Horny Friedrich. Method of connecting the plates of electric condensers and the like to their supports. Issued 1-1-29. (6)
- 1,697,370; All. Ruppe Motor GmbH. Magneto generator. Issued 1-1-29. (28)
- 1,697,372; Schwietzke Gottlieb. Milling machine. Issued 1-1-29. (28)
- 1,697,382; Burkard Ernst Paul. Image producer. Issued 1-1-29. (28)
- 1,697,459; Dorogi Istvan; Dorogi Lajos et al. Process of producing inflatable bodies for instance toys of flat rubber plates without the use of molds. Issued 1-1-29. (34)
- 1,697,541; All. Felten and Guillaume Carls-werk A G. Armoring of single conductor electric power cables. Issued 1-1-29. (28)
- 1,697,543; Seidler Paul. Method of producing big crystals. Issued 1-1-29. (28)
- 1,697,546; All. Warning Heinrich. Support. Issued 1-1-29. (28)
- 1,697,549; Wolff Friedrich. High pressure gas burner. Issued 1-1-29. (28)
- 1,697,568; Korn Hugo. System for simultaneously regulating prime movers and generators. Issued 1-1-29. (28)
- 1,697,609; Pivin Josef. Polishing of glass surfaces. Issued 1-1-29. (28)
- 1,697,682; Ferraris Attilio. Piston pump for corrosive liquids. Issued 1-1-29. (38)
- 1,697,695; Robimarga Luigi. Device insuring in a continuous and automatic manner the synchronism between a gramophone and a cinematographic projection machine. Issued 1-1-29. (38)
- 1,697,713; Bucherer Hans. Process for the production of new derivatives of the condensation products of aldehydes and phenols. Issued 1-1-29. (28)
- 1,697,731; Muller Hermann Albrecht. Ethyl chloride tube. Issued 1-1-29. (28)
- 1,697,738; Suida Hermann. Process for the recovery of concentrated acetic acid. Issued 1-1-29. (6)
- 1,697,758; Ernemann Alexander. Cinematographic apparatus. Issued 1-1-29. (28)
- 1,697,780; Sakakura Yukitoshi. Process for manufacturing incandescent lamps. Issued 1-1-29. (39)
- 1,697,936; All. Otto Theodor. Surface protecting paste. Issued 1-8-29. (28)
- 1,698,010; Barthel Hermann. Production of metallic bodies by a combined casting and pressing process. Issued 1-8-29. (28)
- 1,698,050; All. Prielli & C Firm. Cable for transmitting electrical energy. Issued 1-8-29. (38)
- 1,698,051; All. Soc Italiana Pirelli. Joint for high tension electric cables. Issued 1-8-29. (38)
- 1,698,200; All. Kenkyujo Zaidan Hojin Rikagaku. Apparatus for measuring pressure of piston rings. Issued 1-8-29. (39)
- 1,698,241; All. Junkers Hugo. Oiling device for crank shafts. Issued 1-8-29. (28)
- 1,698,272; Otto Carl. Coke oven. Issued 1-8-29. (28)
- 1,698,275; Plaat Carl. Method of and means for treating rubber films. Issued 1-8-29. (28)
- 1,698,280; All. Berliner Maschinenbau Ag Vormals. Inking device for printing presses. Issued 1-8-29. (28)
- 1,698,296; All. Grill Eugen Spezialmaschinenfabrik. Sound producing device. Issued 1-8-29. (28)
- 1,698,332; Gadeke Franz Henning Wilhelm et al. Ice apparatus. Issued 1-8-29. (28)
- 1,698,344; Mott Hans. Chair or similar seat. Issued 1-8-29. (28)
- 1,698,367; Kehren Gottfried. Pit furnace. Issued 1-8-29. (28)
- 1,698,441; Kolb Robert. Device for casting metal in molds. Issued 1-8-29. (28)
- 1,698,445; Morita Yenjiro. Mechanical pencil. Issued 1-8-29. (39)
- 1,698,482; Nicin Vasa. Motor vehicle. Issued 1-8-29. (28)
- 1,698,515; Stewart Robert Thomson. Method of and means for use in dredging. Issued 1-8-29. (28)
- 1,698,573; All. I G Farbenindustrie AG. Production of formates. Issued 1-8-29. (28)
- 1,698,583; Empson Frederick James. Sound amplifying device for telephone receivers. Issued 1-8-29. (38)
- 1,698,598; Kussner Hans George. Counter-piston motor. Issued 1-8-29. (28)
- 1,698,607; Pfug Richard. Support for scaffolds and the like. Issued 1-8-29. (28)
- 1,698,645; Menz Emil. Automatic acetylene generator. Issued 1-8-29. (28)
- 1,698,705; Horil Shinjiro. Stencil sheet. Issued 1-8-29. (39)
- 1,698,775; Traut Adolf. Gas stove. Issued 1-15-29. (28)
- 1,698,800; Dudecke Nelly; Ludkecke Karl et al. Process for the production of glycerin. Issued 1-15-29. (28)
- 1,698,854; Nagao Seturo. Unloading machine. Issued 1-15-29. (39)
- 1,699,041; Bauer Herman. Machine for treating feathers for use in beds and the like. Issued 1-15-29. (28)
- 1,699,101; Drager Alexander Bernhard dec. Device for feeding additional oxygen in freely portable respiratory apparatus. Issued 1-15-29. (28)
- 1,699,137; Estelmann Heinrich. Fastening sets of artificial teeth. Issued 1-15-29. (28)
- 1,699,163; Schiske Rudolf. Device for measuring the quantity of a liquid or gaseous medium passing through the device in one unit of time. Issued 1-15-29. (6)
- 1,699,190; Hoffmann Alfred. Lock. Issued 1-15-29. (28)



- 1,699,197; Lossi Carl. Traverse sleeper of armored concrete. Issued 1-15-29. (28)
- 1,699,205; All. Hartstoff Metall A. G. Hame-tag. Process of producing metal powder articles of spherical shape. Issued 1-15-29. (28)
- 1,699,209; Rleck Wilhelm Otto Paul. Bottle stoppering machine. Issued 1-15-29. (28)
- 1,699,234; All. I G Farbenindustrie A G. Process for making mixed fertilizer. Issued 1-15-29. (28)
- 1,699,245; All. I G Farbenindustrie A G. Production of condensation products of metheyol compounds of a urea. Issued 1-15-29. (28)
- 1,699,254; All. I G Farbenindustrie A G. Mixed fertilizer. Issued 1-15-29. (28)
- 1,699,255; All. I G Farbenindustrie A G. Apparatus for refining raw carbon disulphide. Issued 1-15-29. (28)
- 1,699,314; All. Vogtlandsche Maschinenfabrik. Pressure feet for vertical needle embroidery machines. Issued 1-15-29. (28)
- 1,699,388; All. Wagner Firm Gunther. Paint box. Issued 1-15-29. (28)
- 1,699,434; Jordan Franz. Method of uniting metallicly the seams of aluminum plated sheet iron and vessel manufactured after this method. Issued 1-15-29. (28)
- 1,699,438; Meinhardt Hermann A. Soldering stick. Issued 1-15-29. (28)
- 1,699,440; Nagel August. Valve gear for liquid meters on vehicles or the like. Issued 1-15-29. (28)
- 1,699,441; Negro Luigi. Apparatus for the treatment of wheat. Issued 1-15-29. (57)
- 1,699,507; Spiess Georg. Web feeding mechanism. Issued 1-15-29. (28)
- 1,699,588; Hermsdorf Ewald. Apparatus for feeding powdered fuel. Issued 1-22-29. (23)
- 1,699,589; Hecht Hans; Hirsch Hans et al. Testing apparatus for measuring the compressibility of bodies softening when compressed. Issued 1-22-29. (28)
- 1,699,594; All. Kruckenber Franz. Switch in particular for highspeed suspension railways. Issued 1-22-29. (28)
- 1,699,610; Ricci del Riccio Eduardo. Electric heating and cooking appliance. Issued 1-22-29. (38)
- 1,699,615; All. Iwasaki Toshiya. Process for manufacturing artificial silk and other filaments by applying electric current. Issued 1-22-29. (39)
- 1,699,643; All. I G Farbenindustrie A G. Producing alkali metal nitrate. Issued 1-22-29. (28)
- 1,699,644; All. I G Farbenindustrie A G. Production of alkali metal nitrate. Issued 1-22-29. (28)
- 1,699,652; Brinkhaus Hermann Friedrich Carl. Face protecting device. Issued 1-22-29. (28)
- 1,699,665; Junker Otto. Brass composition and process of producing the same. Issued 1-22-29. (28)
- 1,699,682; Bertele Ludwig. Ocular. Issued 1-22-29. (28)
- 1,699,709; Ono Chozo. Disposition of bulkheads in oil carrying ships. Issued 1-22-29. (39)
- 1,699,799; Meyer Jagenberg Gunther. Manufacturing paper boxes and the like. Issued 1-22-29. (28)
- 1,699,823; All. Michael J & Co. Process for the manufacture of arsenic acid. Issued 1-22-29. (28)
- 1,699,919; All. Bergedorfer Eisenwerk A G. Firm. Liquid heater. Issued 1-22-29. (28)
- 1,699,991; Rohrbach Adolf. Hydroaeroplane. Issued 1-22-29. (28)
- 1,699,998; Stumpf Johann. Method and means for heating and purifying feed water for locomotive boilers and the like. Issued 1-22-29. (28)
- 1,700,010; Wolman Karl Heinrich. Wood preserving means. Issued 1-22-29. (28)
- 1,700,021; Bruckmann Ludwig. Pocket lighter. Issued 1-22-29. (28)
- 1,700,040; Grob Hugo. Device for regulating electric voltages. Issued 1-22-29. (28)
- 1,700,041; Grob Hugo. Means for compensating the forces in voltage regulators. Issued 1-22-29. (28)
- 1,700,042; Grob Hugo. Means for compensating the forces in voltage regulators. Issued 1-22-29. (28)
- 1,700,116; All. I G Farbenindustrie A G. Manufacture of calcium nitrate. Issued 1-29-29. (28)
- 1,700,133; All. Ringfeder GmbH. Power absorbing apparatus. Issued 1-29-29. (28)
- 1,700,381; All. Lehmann Ernst Paul. Spinning top. Issued 1-29-29. (28)
- 1,700,405; Guidi Alfredo. Apparatus for filling or charging containers with semisolid material. Issued 1-29-29. (38)
- 1,700,480; All. Schmidt Sche Heissdampf GmbH. High pressure steam boiler plant. Issued 1-29-29. (28)
- 1,700,628; Danielli Salvatore. Dress fastening. Issued 1-29-29. (38)
- 1,700,631; All. Societa Festini & C. Device for keeping motor cycle driving chains evenly tight. Issued 1-29-29. (38)
- 1,700,634; Hopf Paul. Grinding tool. Issued 1-29-29. (28)
- 1,700,657; All. Mayer J. & Sohn Firm. Process for recovering chromium from chromiferous waste materials. Issued 1-29-29. (28)
- 1,700,673; Eckhardt Fritz et al.; Hohnkamp Max. Pocket cycle and other lamp. Issued 1-29-29. (28)
- 1,700,708; All. I G Farbenindustrie A G. Firm. Production of phosphorus pentoxide and phosphoric acid. Issued 1-29-29. (23)
- 1,700,715; Ostertag Julius. Purification system for boilers. Issued 1-29-29. (28)
- 1,700,723; Umhoff Karl. Aerated contact filter for sewage treatment. Issued 1-29-29. (28)
- 1,700,781; Weickel Philipp. Bottle stopper with drip pipette secured thereto and extending into the bottle and air admission. Issued 2-5-29. (28)
- 1,700,812; Schiller Adolf. Preserve jar and the like. Issued 2-5-29. (28)
- 1,700,813; Schlumbohn Peter. Device for cooling. Issued 2-5-29. (28)
- 1,700,849; All. Fischl A B Firm. Machine for dressing reeds used for cigarette mouthpieces. Issued 2-5-29. (28)
- 1,700,893; Meyer Jagenberg Gunther. Paper box machine and the like. Issued 2-5-29. (28)
- 1,700,898; All. Waggonfabrik A G. Railway car. Issued 2-5-29. (28)
- 1,700,913; Tawara Hikosaburo. Propelling apparatus for ships. Issued 2-5-29. (39)
- 1,700,914; Toniolo Carlo. Process for the manufacture of ammonium nitrate in water solution and simultaneous concentration thereof. Issued 2-5-29. (38)
- 1,700,942; Lederer Anton. Apparatus for the manufacture of carbon. Issued 2-5-29. (6)
- 1,700,946; Mahler Marie Antonie. Educational apparatus. Issued 2-5-29. (28)
- 1,701,007; Libani Romolo. Lowering gear for lifeboats. Issued 2-5-29. (38)
- 1,701,131; Stuhlmann Hans Caesar. Spool for winding yarns artificial silk horsehair bands and the like. Issued 2-5-29. (28)
- 1,701,222; Belati Umberto. Gear members. Issued 2-5-29. (38)
- 1,701,229; All. I G Farbenindustrie A G. Process for the manufacture of cellulose esters and conversion products therefrom. Issued 2-5-29. (28)
- 1,701,263; Henzel John. Magazine pencil. Issued 2-5-29. (34)
- 1,701,269; May Joseph. Foot arch support. Issued 2-5-29. (28)
- 1,701,276; Schraub Christel. Device for stopping back flashings of the flames in pipings for feeding gases or gas mixtures. Issued 2-5-29. (28)
- 1,701,278; Silbermann Salman. High tension cable. Issued 2-5-29. (28)
- 1,701,279; Silbermann Salman. End sleeve and junction box for high tension cables. Issued 2-5-29. (28)
- 1,701,421; Ponti Ernesto Giuseppe. Rubber nozzle for clinical and like purposes. Issued 2-5-29. (38)
- 1,701,423; All. Flex O Industrie GmbH. Spindle releasing device for drilling machines. Issued 2-5-29. (28)
- 1,701,487; Kreuels Hubert. Rebounding bow. Issued 2-5-29. (28)
- 1,701,507; Roderwald Rudolf. Process for manufacturing V type belts. Issued 2-12-29. (28)
- 1,701,567; Hess Richard. Grass mower. Issued 2-12-29. (28)
- 1,701,568; Hubl Franz. Method of and means for spatter printing by means of a mechanically operated and controlled spatter or spraying nozzle. Issued 2-12-29. (6)
- 1,701,589; Nakatsu Chikayoshi. Coal washing and selecting apparatus. Issued 2-12-29. (39)
- 1,701,674; Hitosi Silo. Automatic insect trap using lamps. Issued 2-12-29. (39)
- 1,701,730; Junkers Adolf H. Process and apparatus for saturating yarn rolls with dyes. Issued 2-12-29. (28)
- 1,701,889; Junker Otto. Method for manufacturing metal sheets and strips. Issued 2-12-29. (28)
- 1,701,900; Uhlig Richard. Coal dust furnace. Issued 2-12-29. (28)
- 1,701,901; Waap Fritz. Hydraulic change gear. Issued 2-12-29. (28)
- 1,702,157; Gabutti Ugo. Automatic delivery apparatus. Issued 2-12-29. (38)
- 1,702,185; Weber Carl. Machine for gluing veneer strips and similar work. Issued 2-12-29. (28)
- 1,702,206; Fritzsche Johannes. Safety fuse and method of manufacturing the same. Issued 2-12-29. (6)
- 1,702,268; Palm Hermann. Mechanism for coloring and etching paper webs and the like and method thereof. Issued 2-19-29. (28)
- 1,702,298; Hetsch Franz Karl. Burner for furnaces. Issued 2-19-29. (28)
- 1,702,331; Angel Georg. Wire stretcher. Issued 2-19-29. (28)
- 1,702,332; Apt Richard. Electric cable and method of manufacturing same. Issued 2-19-29. (28)
- 1,702,333; Barthelmess Emil. Means for simultaneous drying and grinding. Issued 2-19-29. (28)
- 1,702,334; Rath Curt et al; Binz Arthur. Arseno compounds of the pyridine series and process of making them. Issued 2-19-29. (28)
- 1,702,335; All. Speidel Chain Co. Chain. Issued 2-19-29. (28)
- 1,702,339; Fukuhara Junkichi. Fuel injector for internal combustion. Issued 2-19-29. (39)
- 1,702,400; Drager Alexander Bernhard. Gas protective mask. Issued 2-19-29. (28)
- 1,702,406; Jucho Heinrich. Building structure. Issued 2-19-29. (28)
- 1,702,431; Friedmann Louis. Steam heating installation for railway cars. Issued 2-19-29. (6)
- 1,702,538; Friedel Otto Bruno. Mouth organ. Issued 2-19-29. (28)
- 1,702,623; All. Petrolignum Co Ltd. Method of manufacturing figures characters inscriptions frames utensils and other articles fancy goods and the like. Issued 2-19-29. (34)

- 1,702,645; Ehrlich Adolf. Steerage of winged aircraft. Issued 2-19-29. (34)
- 1,702,649; All. Gebr Korting Aktiengesellschaft. Compound pump operating means. Issued 2-19-29. (28)
- 1,702,660; Mockel Edmund. Device for insuring correct finger position in writing. Issued 2-19-29. (28)
- 1,702,699; Lutz Johann. Vertical coking oven. Issued 2-19-29. (28)
- 1,702,732; Iden Max Wilhelm. Inflatable valved bag by products or the like. Issued 2-19-29. (28)
- 1,702,831; All. Triumph Werke Nurnberg A G. Escapement mechanism. Issued 2-19-29. (28)
- 1,702,841; Ruping Max. Roadbed for railways. Issued 2-19-29. (28)
- 1,702,857; Arndt Karl Erich. Means for drying cigars and the like. Issued 2-19-29. (28)
- 1,702,860; Bottcher Paul. Double helical or double spiral gear. Issued 2-19-29. (28)
- 1,702,982; All. Drager Alexander Bernhard Dec. Apparatus for use in administering gases vapors and the like. Issued 2-19-29. (28)
- 1,703,001; All. Calabi Giacomo Achille. Parachute. Issued 2-19-29. (38)
- 1,703,019; Spengler Oskar. Coating cast iron with lead. Issued 2-19-29. (28)
- 1,703,020; Suida Hermann. Process of concentrating acetic acid. Issued 2-19-29. (6)
- 1,703,027; Cavalli Italo. Desulphurization of pyrite cinders. Issued 2-19-29. (38)
- 1,703,037; All. Mannesmannrohrenwerke. Method of joining tubular members. Issued 2-19-29. (28)
- 1,703,041; Imhoff Karl. Means for uncoiling sewage or sludge. Issued 2-19-29. (28)
- 1,703,076; Krauss Herbert. Feeding device for circular milling machines. Issued 2-19-29. (28)
- 1,703,154; Lanzkron Anna. Vegetable slicer. Issued 2-26-29. (28)
- 1,703,159; Monheim Richard. Transformation box. Issued 2-26-29. (28)
- 1,703,230; Gillar Valerian. Iron frame window. Issued 2-26-29. (6)
- 1,703,237; Holtkamp Otto. Mattress with adjustable back rest and leg support. Issued 2-26-29. (28)
- 1,703,361; Pohl Ernest. Pump. Issued 2-26-29. (28)
- 1,703,362; All. Bayerische Stickstoff Werke A G. Process of stimulating the germination of seeds and other vegetable matter and in stimulated vegetable matter. Issued 2-26-29. (28)
- 1,703,385; Bost Paul. Cord for surgical ligatures. Issued 2-26-29. (28)
- 1,703,391; All. Sendlinger Optische Glaswerke GmbH. Rontgen tube. Issued 2-26-29. (28)
- 1,703,439; Dreyer Otto. Device for protecting electric circuits. Issued 2-26-29. (28)
- 1,703,462; All. Christoph and Unmack A G. Rail vehicle. Issued 2-26-29. (28)
- 1,703,488; Junkers Hugo. Start of flying machines. Issued 2-26-29. (28)
- 1,703,491; Kirner Anton. Control apparatus for vehicles machines and the like. Issued 2-26-29. (28)
- 1,703,492; Kuke Fritz. Multiple plug and socket for portable telephone stations. Issued 2-26-29. (28)
- 1,703,533; All. Deutsche Werke Kiel A G. Compensated asynchronous motor. Issued 2-26-29. (28)
- 1,703,577; Falkenberg Heinrich. Tungsten alloy. Issued 2-26-29. (28)
- 1,703,634; All. Hartstoff Metall A G Hametag. Pulverizing process. Issued 2-26-29. (28)
- 1,703,640; Schmidt Predari Albert. Electric heating element and method of manufacturing same. Issued 2-26-29. (28)
- 1,703,699; All. Maschinenfabrik Augsburg Nuernberg Intaglio. Printing machine for printing sheets on both sides. Issued 2-26-29. (28)
- 1,703,722; Carozzi Augusto. Means for propelling ships. Issued 2-26-29. (38)
- 1,703,739; Klepsch Wilhelm. Method of casting with the aid of gaseous pressure mediums. Issued 2-26-29. (6)
- 1,703,742; List Herman. Centrifugal apparatus. Issued 2-26-29. (28)
- 1,703,782; Schmidt Karl. Treating green food. Issued 2-26-29. (28)
- 1,703,783; Schmidt Karl. Apparatus for treating green food. Issued 2-26-29. (28)
- 1,703,798; Thirring Hans. Selenium cell. Issued 2-26-29. (6)
- 1,703,811; Blum Richard. Implement for supplying heat to the human body. Issued 2-26-29. (28)
- 1,703,961; All. I G Farbenindustrie A G. Process of producing papers having a glossy surface. Issued 3-5-29. (28)
- 1,704,006; Kopp Wilhelm. Auxiliary device for the production of hollow crowns of the teeth from cast metal. Issued 3-5-29. (28)
- 1,704,021; Schott William. Electric circulating heater. Issued 3-5-29. (28)
- 1,704,038; Ellyson Frederick Washington. Generator for superheated steam. Issued 3-5-29. (28)
- 1,704,218; All. Rhenania Verein Chemischer. Process for preparing fertilizers. Issued 3-5-29. (28)
- 1,704,220; All. Niederbayerische Cellulosewerke. Field tube boiler. Issued 3-5-29. (28)
- 1,704,269; Wattmann John. Method of transporting rails of relatively great length. Issued 3-5-29. (28)
- 1,704,278; Blumenthal Walter. Handle for vessels. Issued 3-5-29. (28)
- 1,704,302; All. Rheinische metallwaaren und electric percussion fuse. Issued 3-5-29. (28)
- 1,704,325; Hugo Junkers. Internal combustion engine and working same. Issued 3-5-29. (28)
- 1,704,326; Junkers Hugo. Corrugated sheet metal shape. Issued 3-5-29. (28)
- 1,704,330; All. Staatliche firm porzellan filterng apparatus. Issued 3-5-29. (28)
- 1,704,410; Stedefeld Curt. Method of welding rail joints. Issued 3-5-29. (28)
- 1,704,417; Zoll Karl 3d. Hydraulic engine built in a siphon piping. Issued 3-5-29. (28)
- 1,704,424; Bonom Alfred. Turbine. Issued 3-5-29. (38)
- 1,704,428; Mager Heinrich; Dempewolf Carl et al. Bank saw. Issued 3-5-29. (28)
- 1,704,434; Hass Hams. Stern frame with balanced rudder for ships. Issued 3-5-29. (28)
- 1,704,451; Windberger Othmar. Motor vehicle with tubular underframe. Issued 3-5-29. (6)
- 1,704,494; Boedecker Friedrich. Process for producing 1 propenyl 3 ethoxy 4 hydroxy benzene. Issued 3-5-29. (28)
- 1,704,523; All. Ullmann F GmbH. Process for the production of printing plates. Issued 3-5-29. (28)
- 1,704,567; Grunberg Josef. Press for the production of artistic prints and embossings. Issued 3-5-29. (28)
- 1,704,575; All. Ginjiro Jamada. Fan motor. Issued 3-5-29. (39)
- 1,704,589; Blathy Otto Titus. Rotating field magnet for turbo generators. Issued 3-5-29. (34)
- 1,704,599; All. Metallgesellschaft A G. Disintegrated alumina. Issued 3-5-29. (28)
- 1,704,605; Hintze Arthur. Apparatus for ascertaining colors. Issued 3-5-29. (28)
- 1,704,618; Mallaender Wilhelm. Application of sheets to printing machines. Issued 3-5-29. (28)
- 1,704,643; Wilts Rudolf. Luffing Crane. Issued 3-5-29. (28)
- 1,704,683; Buz Ernst. Folding walking stick or similar object usable as a seat. Issued 3-5-29. (28)
- 1,704,783; All. Magnet Werk GmbH Eisenach. Spezial fabrik fur elektromagnet apparate. Electromagnetic chuck. Issued 3-12-29. (28)
- 1,704,796; Honigmann Ludwig. Means for the continuous drying or distillation of fine granular masses. Issued 3-12-29. (28)
- 1,704,803; Mlinko Janos. Differential gear for motor vehicles. Issued 3-12-29. (34)
- 1,704,872; All. Hydraulik GmbH. Hydraulic press. Issued 3-12-29. (28)
- 1,704,876; Weber Richard. Method of producing baskets and the like. Issued 3-12-29. (28)
- 1,704,909; All. I G Farbenindustrie A G. Manufacture of alkali of high concentration. Issued 3-12-29. (28)
- 1,705,057; Brandus Ernst. Method and apparatus for preparing materials and applications thereof. Issued 3-12-29. (28)
- 1,705,081; All. Maschinenfabrik Augsburg. Multicolor intaglio printing machine. Issued 3-12-29. (28)
- 1,705,089; Kammuller Karl. Water chamber. Issued 3-12-29. (28)
- 1,705,099; All. Kiehnle Arthur. Cigarette holder. Issued 3-12-29. (28)
- 1,705,143; Schweter Erich. Water cooling radiator for use in heavy vehicles. Issued 3-12-29. (28)
- 1,705,153; Fuhr Karl. Method of manufacturing resonance bodies especially for musical instruments. Issued 3-12-29. (28)
- 1,705,212; Schwabe Hermann Johannes. Method of and means for dampening silk and like filaments for use on textile machines. Issued 3-12-29. (28)
- 1,705,360; Fritzsche Johann. Safety fuse and method of manufacturing the same. Issued 3-12-29. (6)
- 1,705,388; Arnold Carl. Illuminated spinning top. Issued 3-12-29. (28)
- 1,705,421; Schauss Adolf Fritz. Typewriting machine. Issued 3-12-29. (28)
- 1,705,424; Strecker Otto Carl. Process for the production of cellulose by decomposition of vegetable fibers. Issued 3-12-29. (28)
- 1,705,437; Bohm Erich. Treatment of felt and felt hat bodies. Issued 3-12-29. (6)
- 1,705,451; Taricco Luigi. Tube cleaning and scale removing device. Issued 3-12-29. (38)
- 1,705,481; Karnath Kurt. Mechanical movement. Issued 3-19-29. (28)
- 1,705,487; All. Borsig A GmbH. Valve mechanism. Issued 3-19-29. (28)
- 1,705,505; Spiess Georg. Apparatus for feeding folded or unfolded sheets to a printing folding or other machine. Issued 3-19-29. (28)
- 1,705,506; Spiess Georg. Sheet lifting device working with suckers. Issued 3-19-29. (28)
- 1,705,617; Bartling Friedrich; Honigmann Ludwig et al. Drying and grading plants for granular water containing materials. Issued 3-19-29. (28)
- 1,705,641; Korn Willi. Permutating device for use in coding machines. Issued 3-19-29. (28)
- 1,705,643; All. Kenkyujo Zaidan Hojin Rikagaku. Method of manufacturing metallic rings for packing purposes. Issued 3-19-29. (39)
- 1,705,663; All. Lindstrom, Carl A G. Sound duct for talking machines. Issued 3-19-29. (28)
- 1,705,767; Izawa Rikichiro. Device for pointing bristles of brushes. Issued 3-19-29. (39)
- 1,705,860; Hagihara Eichi. Knitting tool. Issued 3-19-29. (39)
- 1,705,892; Ballert Otto. Tipping device for vehicles. Issued 3-19-29. (28)
- 1,705,953; All. Bensa Felice. Manufacture of vat dyestuffs of the isodibenzanthrone series. Issued 3-19-29. (38)
- 1,705,957; All. Deckel Friedrich Fabrik Fur. Engraving machine. Issued 3-19-29. (28)



- 1,705,995; All. Edulgussverband GmbH. Process for the manufacture of a highly valuable cast iron. Issued 3-19-29. (28)
- 1,706,086; Tugendreich Julius. Dental clasp. Issued 3-19-29. (28)
- 1,706,127; Pensotti Ezio. Machine for molding baker's dough into loaves or cakes. Issued 3-19-29. (38)
- 1,706,152; Gergler Karl Jr. Registering speedometer. Issued 3-19-29. (28)
- 1,706,176; Lenart Paul. Mixing apparatus. Issued 3-19-29. (28)
- 1,706,177; Martin Karl. Lens. Issued 3-19-29. (28)
- 1,706,189; Schmidt Karl. Automatic glass washing device. Issued 3-19-29. (28)
- 1,706,196; Wachtendorf Wilhelm. Vohl Albert et al. Process for the purification of solutions of metal salts. Issued 3-19-29. (28)
- 1,706,229; All. Meissner Hans. Measuring and drawing instrument for making perspective pictures from nature. Issued 3-19-29. (28)
- 1,706,348; Buchert Gottfried. Machine for automatically coating tubes, pipes, etc. Issued 3-19-29. (28)
- 1,706,394; Fornaca Guido. Liquid operated brake for motor vehicles. Issued 3-26-29. (38)
- 1,706,397; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 3-26-29. (28)
- 1,706,414; All. Luftschiffbau Zeppelin GmbH. Airship mooring and transporting device. Issued 3-26-29. (28)
- 1,706,415; All. Luftschiffbau Zeppelin GmbH. Anchoring device for airships. Issued 3-26-29. (28)
- 1,706,487; Gebauer Carl Paul. Vehicle spring, particularly for autovehicles. Issued 3-26-29. (28)
- 1,706,616; Kovacs Theodor. Fountain pen. Issued 3-26-29. (28)
- 1,706,694; Kimbel Wilhelm. Ventilating arrangement for vehicles. Issued 3-26-29. (28)
- 1,706,695; Klages August. Treatment of seed. Issued 3-26-29. (28)
- 1,706,716; All. Muller Johann Carl Firm. Machine for packing cigarettes. Issued 3-26-29. (28)
- 1,706,717; All. Kuttner Fr Firm. Process of producing fine fiber artificial silk. Issued 3-26-29. (28)
- 1,706,763; Wilberz Johannes. Feed screw mechanism for lathes. Issued 3-26-29. (28)
- 1,706,767; All. Typograph GmbH. Matrix setting and line casting machine. Issued 3-26-29. (28)
- 1,706,771; Buttner Carl Artur. Coffee percolator. Issued 3-26-29. (28)
- 1,706,790; Lederer Robert. Folding seat. Issued 3-26-29. (28)
- 1,706,848; Germer Wilhelm Eduard. Arrangement for the measurement of large volumes of water for water turbines. Issued 3-26-29. (28)
- 1,706,888; Krauss Hans. Change speed or change speed and reversing gears for transferring rotary motion from a driving to a driven shaft. Issued 3-26-29. (28)
- 1,706,930; All. Wolf Georg GmbH. Optical system. Issued 3-26-29. (28)
- 1,706,939; Rosenthal Sallie. Evaporator. Issued 3-26-29. (28)
- 1,706,974; Beckert Hans. Swimming appliance. Issued 3-26-29. (28)
- 1,706,994; Beck Heinrich. Combination lock. Issued 3-26-29. (6)
- 1,707,001; Georg Otto. Frictional screw press. Issued 3-26-29. (28)
- 1,707,027; Schwarzenberger Hugo et al; Schmidt Willy. Expansible hinge for trunk cases. Issued 3-26-29. (28)
- 1,707,036; Zack Michael. Process of arc welding. Issued 3-26-29. (28)
- 1,707,039; All. Maschinenfabrik Augsburg Nuernberg. Packing of weirs. Issued 3-26-29. (28)
- 1,707,058; Kauwertz Hermann. Device for mixing liquids in variable proportions. Issued 3-26-29. (28)
- 1,707,099; Stein Bruno et al; Munzner Otto. Catching device for the cages of holsts, lifts, and the like. Issued 3-26-29. (28)
- 1,707,103; All. Vogel and Halke Firm. Coin actuated scale. Issued 3-26-29. (28)
- 1,707,125; Loffler Stephan. High pressure slide valve. Issued 3-26-29. (28)
- 1,707,143; All. Niederbayerische Cellulosewerke A G. Superheater. Issued 3-26-29. (28)
- 1,707,155; Alma Carl Egon et al; Alma Maximilian. Draft mechanism for railroad vehicles. Issued 3-26-29. (6)
- 1,707,184; Bauer Bartel. Society game with rotatable disk with groove and ball notches mounted above the field and covered with a transparent cover. Issued 3-26-29. (28)
- 1,707,210; Elbert Heinrich. Foot arch support. Issued 3-26-29. (28)
- 1,707,263; Gahlert Franz Josef et al; Bretschneider Max. Automatic embroidering machine. Issued 4-2-29. (28)
- 1,707,277; Okuri Torazo. Binder for laminated mica products. Issued 4-2-29. (39)
- 1,707,279; Retterath Valentin. Process for the mechanical working of metals. Issued 4-2-29. (28)
- 1,707,287; Sudzki Tomitaro. Fireproof shutter. Issued 4-2-29. (39)
- 1,707,298; Corleo Pietro Sirena. Adjustable obstetric forceps. Issued 4-2-29. (38)
- 1,707,303; Greve John Emil William. Adding machine. Issued 4-2-29. (28)
- 1,707,318; Reinhold Richard. Electrical oven. Issued 4-2-29. (28)
- 1,707,409; Nattkammer Paul. Paving tile. Issued 4-2-29. (28)
- 1,707,510; Colditz Heinrich Max. Shoemaking apparatus. Issued 4-2-29. (28)
- 1,707,524; Kennerknecht Adalbert. Bottle closure. Issued 4-2-29. (28)
- 1,707,576; Schubert Alfred. Rack. Issued 4-2-29. (28)
- 1,707,773; All. Sachsenwerk licht und kraft AG. Electrical quantities measuring system. Issued 4-2-29. (28)
- 1,707,808; Jordan Paul. Insulated wire for electric installation. Issued 4-2-29. (28)
- 1,707,822; Stock Alfred. Magnetic balance. Issued 4-2-29. (28)
- 1,707,864; La Pegna Raffaello. Bookkeeping machine. Issued 4-2-29. (38)
- 1,707,871; Nozawa Ichiro. Steel or iron pillar particularly adapted for mounting electric wires. Issued 4-2-29. (39)
- 1,707,872; Ogawa Yukimasa. Automatic crossing bar apparatus for single track railways. Issued 4-2-29. (39)
- 1,707,898; Bock Josef. Concrete ore bunker plant. Issued 4-2-29. (28)
- 1,707,907; Gompf Rudolf. Machine for manufacturing triplicate notebooks. Issued 4-2-29. (28)
- 1,707,910; Haupt Hans. Telescopic umbrella. Issued 4-2-29. (28)
- 1,707,912; Heindorf Joseph Hermann Maria. Device for preventing transmission of shocks in liquid conduits. Issued 4-2-29. (28)
- 1,707,917; Lombardini Luigi. Card carrier for visible card indexes. Issued 4-2-29. (38)
- 1,707,937; Gerlach Josef Emil. Apparatus for charging tilting smelting furnaces. Issued 4-2-29. (28)
- 1,707,991; Oskamp Anton. Device for bending rails pipes and the like. Issued 4-9-29. (28)
- 1,707,995; Schlotter Max. Inking mechanism for printing presses and the like. Issued 4-9-29. (28)
- 1,707,996; All. Universelle Cigarettenmaschinen. Device for controlling the draw-off hook carried by the filling member in cigarette filling machines. Issued 4-9-29. (28)
- 1,708,013; All. Lampen und Metallwarenfabriken. Burner for liquid fuels. Issued 4-9-29. (6)
- 1,708,016; Grunig Albert. Cutting implement. Issued 4-9-29. (28)
- 1,708,019; Krotoschin Simon. Placard. Issued 4-9-29. (28)
- 1,708,032; Schleifer Carlo. Nip mechanism and controlling apparatus relating thereto in combers for textile fibers. Issued 4-9-29. (38)
- 1,708,066; All. Mercedes Buro Maschinen Werke A G. Means of shifting the platen or the like in typewriters. Issued 4-9-29. (28)
- 1,708,152; Raffloer Emil. Apparatus for coking solid fuel. Issued 4-9-29. (28)
- 1,708,157; Spiess Georg. Apparatus for feeding folded or unfolded sheets to printing folding or other machines. Issued 4-9-29. (28)
- 1,708,310; Korngiebel Gustav. Draft regulators for flues or chimneys. Issued 4-9-29. (28)
- 1,708,323; Pelz Max. Bucket with squeezing device. Issued 4-9-29. (28)
- 1,708,386; All. Piepmeyer & Co KG. Electrical prospecting device. Issued 4-9-29. (28)
- 1,708,535; Csapayi Michael et al; Curda Richard. Fuel supply apparatus. Issued 4-9-29. (6)
- 1,708,583; All. Duttner Fr A G. Method of treating cakes of artificial silk manufactured by the can spinning process. Issued 4-9-29. (28)
- 1,708,869; Buddecke Hartmut. Fire extinguisher. Issued 4-9-29. (28)
- 1,709,151; Podszus Leopold. Carburetor. Issued 4-16-29. (28)
- 1,709,215; Haas Rudolf. Apparatus for washing threads wound on bobbins. Issued 4-16-29. (28)
- 1,709,260; All. Bremer and Bruckmann A G. Closure for bottles jars and the like. Issued 4-16-29. (28)
- 1,709,290; Torriani Angelo. Large output express coffee machine. Issued 4-16-29. (38)
- 1,709,293; Walther Heinrich. Machine for attaching soles to lasted shoes. Issued 4-16-29. (28)
- 1,709,297; All. Kenkyujo Zaidan Hojin Rikagaku. Process of preparing maleic and succinic acid from furfural by electrolysis. Issued 4-16-29. (39)
- 1,709,309; All. Stinnes Zeche Mathias. Process for the separation of low hydrocarbons. Issued 4-16-29. (28)
- 1,709,353; Jungk Hugo. Sheet feeding machine. Issued 4-16-29. (28)
- 1,709,381; Urbinati Mario. Collector for electric engines with rotating brushes and stationary copper segments. Issued 4-16-29. (38)
- 1,709,399; All. Rheinische Metallwaren und. Automatic firearm. Issued 4-16-29. (28)
- 1,709,414; Stendebach Friedrich. Projectile. Issued 4-16-29. (28)
- 1,709,430; All. Hentzschel Electro Bucher GmbH. Card filing and selecting apparatus. Issued 4-16-29. (28)
- 1,709,457; All. Messgerate Boykow GmbH. Stabilization of moving objects such as. Issued 4-16-29. (28)
- 1,709,499; All. Luftschiffbau Zeppelin GmbH. Method of manufacturing gas tight material. Issued 4-16-29. (28)
- 1,709,575; Horn Rudolf. Printing press. Issued 4-16-29. (28)
- 1,709,612; Ebers Karl. Process of bleaching raw heavy spar. Issued 4-16-29. (28)
- 1,709,620; Junkers Hugo. Signaling and projecting images on aerial craft. Issued 4-16-29. (28)
- 1,709,621; Junkers Hugo. Method and means for navigating aircraft. Issued 4-16-29. (28)
- 1,709,701; Althoff Walter. Metal barrel. Issued 4-16-29. (28)

- 1,709,702; Antonu Nicolae. Shirt collar. Issued 4-16-29. (57)
- 1,709,736; Paternann Myro. Tin opener. Issued 4-16-29. (28)
- 1,709,744; Schnurle Adolf. Atomizing oil. Issued 4-16-29. (28)
- 1,709,745; All. Kleinewefers Johannes. Economizer tube. Issued 4-16-29. (28)
- 1,709,789; Hietzger Georg. Machine for hermetically closing preserve jars. Issued 4-16-29. (6)
- 1,709,798; Lebensart Salamon. Explosive projectiles. Issued 4-16-29. (6)
- 1,709,801; All. Mey Karl. Manufacture of thin metallic foils. Issued 4-16-29. (28)
- 1,709,812; Herman Hurwitz & Co. Printing press. Issued 4-16-29. (28)
- 1,709,827; Bauer Leo. Separable fastener. Issued 4-23-29. (28)
- 1,709,887; Sponholz Wilhelm. Textile fabric and method of making same. Issued 4-23-29. (28)
- 1,709,890; Wilckens Ernst. Signal buoy. Issued 4-23-29. (28)
- 1,709,957; Schoenemann Karl. Process of working down the products arising when coal is liquefied by hydrogenation. Issued 4-23-29. (28)
- 1,710,133; All. Zierer Alfred. Process for the preparation of a mild aromatic yoghurt curdled milk or a sweet yoghurt junket. Issued 4-23-29. (6)
- 1,710,193; Schaefer Wilhelm. Document file. Issued 4-23-29. (28)
- 1,710,195; Schwengler Johannes. Hollow body especially for airships. Issued 4-23-29. (28)
- 1,710,214; All. Armaturen and maschinenfabrik. Valve for hydraulic mains. Issued 4-23-29. (28)
- 1,710,219; All. Lehmann Ernst Paul. Gyrostatic toy. Issued 4-23-29. (28)
- 1,710,284; Yamamoto Sakao. Apparatus for recovering volatile oils from mixed gas. Issued 4-23-29. (39)
- 1,710,285; Yamamoto Sakao. Apparatus for recovering volatile oils from gases containing the same. Issued 4-23-29. (39)
- 1,710,357; Grunwald Arthur D. Table silver washing machine. Issued 4-23-29. (28)
- 1,710,431; Schlehan Hugo. Belt fastener. Issued 4-23-29. (6)
- 1,710,437; Stedefeld Curt. Vehicle carrying rail in particular for high speed suspended vehicle railways. Issued 4-23-29. (28)
- 1,710,463; All. Muller Karl Johannes. Loud speaking sound producer for telephones. Issued 4-23-29. (28)
- 1,710,502; All. Hohner Matth A G. Device for giving correct notes and harmonies in mouth organs. Issued 4-23-29. (28)
- 1,710,556; Von Girsowald Conway. Method for converting silicates containing lithia with neutral alkali metal salts. Issued 4-23-29. (28)
- 1,710,559; All. Jaeger G and J A G. Axle bearing. Issued 4-23-29. (28)
- 1,710,561; Zagorski Johann. Turbine engine particularly steam or gas turbine. Issued 4-23-29. (28)
- 1,710,572; Frenkel Richard. Sound amplifier. Issued 4-23-29. (28)
- 1,710,573; Gammay Hermann. Method for making camphor from borneols. Issued 4-23-29. (28)
- 1,710,584; All. Matro GmbH. Process for the manufacture of a therapeutically active iron preparation having yeast as its basic substance. Issued 4-23-29. (28)
- 1,710,585; Matthiessen Paul et al; Moller, Adolf Detlef. Hinged gate for the testing cylinders of submarines. Issued 4-23-29. (28)
- 1,710,600; Zimmermann Heinrich. Horsehair spinning and curling machine. Issued 4-23-29. (28)
- 1,710,726; Eickworth Regnier. Gas burner. Issued 4-30-29. (28)
- 1,710,791; Steiner Hermann. Eyes for toy figures. Issued 4-30-29. (28)
- 1,710,799; All. Bachstein Hermann. Process for the manufacture of soft soap. Issued 4-30-29. (28)
- 1,710,813; Drager Alexander Bernhard DEC. Protective mask for use in noxious gases. Issued 4-30-29. (28)
- 1,710,843; All. Jahr M Rudolf Maschinenfabrik. Multitier stretching tentering and drying machine. Issued 4-30-29. (28)
- 1,711,133; Bornefeld Gottfried. Gas regulator. Issued 4-30-29. (28)
- 1,711,208; Rilling Ernst. Coffee mill. Issued 4-30-29. (28)
- 1,711,322; Menkel Berthold. Display case. Issued 4-30-29. (28)
- 1,711,347; Harter Ludwig. Method of determining the behavior of the individual particles of a body when subjected to stress. Issued 4-30-29. (28)
- 1,711,355; Krebs Ewald Arthur et al; Krebs Franz Alfred. Subsoil plow. Issued 4-30-29. (28)
- 1,711,393; Laufer August. Spike point. Issued 4-30-29. (6)
- 1,711,411; All. Schieferwerke Ausdauer AG. Method of producing a viscous phenol condensation product. Issued 4-30-29. (28)
- 1,711,427; Sauveur Harry. Releasable drill holder. Issued 4-30-29. (28)
- 1,711,499; Hofsass Max. Method of hydrogenating and treating carbonaceous materials. Issued 5-7-29. (28)
- 1,711,508; Cotic Albert. Spindle bolster for roving machines. Issued 5-7-29. (28)
- 1,711,545; All. Riedel E De Haen I D AG. Process of disinfecting seeds and composition therefor. Issued 5-7-29. (28)
- 1,711,580; Binnemann Richard. Fixing device for cravats and ties. Issued 5-7-29. (28)
- 1,711,601; All. Stock Motorflug AG. Tractor with chain track drive. Issued 5-7-29. (28)
- 1,711,602; All. Bergische Stahl Industrie. Brake. Issued 5-7-29. (28)
- 1,711,603; Lay Emil. Process for production of diffused layers on metals. Issued 5-7-29. (28)
- 1,711,624; Zimmermann Paul; Vorck Theodor et al. Manufacture of knitted warp fabrics. Issued 5-7-29. (28)
- 1,711,633; Dornseif Hugo. Apparatus for hardening the runners of ice skates. Issued 5-7-29. (28)
- 1,711,638; Frischer Hermann. Apparatus for treating solutions. Issued 5-7-29. (28)
- 1,711,693; All. Rheinische Metallwaaren und. Electric fuse for projectile. Issued 5-7-29. (28)
- 1,711,708; Westermann Jr Hans. Musical instrument spur. Issued 5-7-29. (28)
- 1,711,714; All. Christiani Severino. Vehicle lock. Issued 5-7-29. (38)
- 1,711,719; Brauer Reinhold. Traction machine. Issued 5-7-29. (28)
- 1,711,737; All. Unlon Special Maschinenfabrik. Ball crank. Issued 5-7-29. (28)
- 1,711,746; Rengmann Thure. Loose leaf binder. Issued 5-7-29. (28)
- 1,711,791; Kambo Luigi. Odograph. Issued 5-7-29. (38)
- 1,711,846; Hellborn Hermann. Filing device for dental purposes. Issued 5-7-29. (28)
- 1,711,865; Wilckens Ernst. Signal buoy. Issued 5-7-29. (28)
- 1,711,881; Fornaca Guldo. Wheel suspension means for motor vehicles. Issued 5-7-29. (38)
- 1,711,882; Fornaca Guldo. Internal combustion engine. Issued 5-7-29. (38)
- 1,711,893; Kelning Gustav. Typewriting machine. Issued 5-7-29. (28)
- 1,711,902; Neumann Fritz. Water ring pump. Issued 5-7-29. (28)
- 1,712,017; All. Mishima Tsune Jiro. Artificial wheat straw braid. Issued 5-7-29. (39)
- 1,712,157; Morita Shosaku. Wearless geared pump. Issued 5-7-29. (39)
- 1,712,244; All. Bek Ernst Gideon. Process of finishing metal articles and the product thereof. Issued 5-7-29. (28)
- 1,712,288; Borgatta Giuseppe. Wave driven pumping gear. Issued 5-7-29. (38)
- 1,712,344; All. Schubert and Salzer Maschinenfabrik. Process for the manufacture of stockings. Issued 5-7-29. (28)
- 1,712,393; Merk Friedrich. Selector. Issued 5-7-29. (28)
- 1,712,399; All. Pollak Robert and Co. Crystal cutting machine. Issued 5-7-29. (6)
- 1,712,411; Walther Fritz. Automatic pistol. Issued 5-7-29. (28)
- 1,712,424; Doll Ludwig. Potato masher. Issued 5-7-29. (28)
- 1,712,497; All. Schmidt Sche Heiss Dampf GmbH. Apparatus for regulating the working of steam generating plants. Issued 5-14-29. (28)
- 1,712,524; Schultz Hermann. Method of preparing sections for aluminothermic welding. Issued 5-14-29. (28)
- 1,712,529; Tallel Guido. Mixed airship provided with parachute. Issued 5-14-29. (38)
- 1,712,622; All. Kruckenberg Franz. Radiator arrangement for cars with high speeds. Issued 5-14-29. (28)
- 1,712,669; All. Deutsche Werke Kiel AG. Compensated alternating current motor. Issued 5-14-29. (28)
- 1,712,808; All. Magnet Werke GmbH Eisenach. Electromagnetic separator. Issued 5-14-29. (28)
- 1,712,858; Tsuchi Rinkichi. Screen. Issued 5-14-29. (39)
- 1,712,975; Ameglio Pietro. Electrothermic fire alarm. Issued 5-14-29. (38)
- 1,713,017; Bacalu Adolf. Vehicle. Issued 5-14-29. (57)
- 1,713,176; Giannelli Odoardo. Water tube boiler. Issued 5-14-29. (38)
- 1,713,358; All. Dragerwerke Hehn & Bernh Drager. Connecting ring for the belt of breathing appliances. Issued 5-14-29. (28)
- 1,713,361; Zettel Gustav. Head support for operation chairs of any kind. Issued 5-14-29. (28)
- 1,713,369; Borrmann Willy. Hair clipper. Issued 5-14-29. (28)
- 1,713,394; All. Patent Treuhand Ges Fuer Elektrische. Process for the manufacture of translucent hollow glass articles particularly of milk glass bulbs for electric incandescent lamps. Issued 5-14-29. (28)
- 1,713,406; Suberkrub Franz. Paddle wheel for steamers. Issued 5-14-29. (28)
- 1,713,431; Gensecke Wilhelm. Apparatus for the distillation of fatty acids glycerin and the like. Issued 5-14-29. (28)
- 1,713,435; All. Vereinigte Stahlwerke AG. Method of working blast furnaces with the aid of furnace dust. Issued 5-14-29. (28)
- 1,713,436; All. Vereinigte Stahlwerke AG. Method of working blast furnaces. Issued 5-14-29. (28)
- 1,713,475; Matsumiya Kaoru; Makata Hisakazu et al. Process of preparing salvarsan. Issued 5-14-29. (39)
- 1,713,477; Meyer Georg Albrecht. First aid case. Issued 5-14-29. (28)
- 1,713,481; Robimarga Luigi. Sound reproducing machine. Issued 5-14-29. (38)
- 1,713,492; Garbade Heinrich. Safety mechanism for motor cars. Issued 5-14-29. (28)
- 1,713,514; Appel Rudolf. Process of electrolytically separating metallic chromium coatings on other metals. Issued 5-21-29. (28)
- 1,713,596; All. Hartmann Adolf. Artificial ice. Issued 5-21-29. (28)
- 1,713,641; Bohm Viktor. Treating the surfaces of hat bodies. Issued 5-21-29. (6)
- 1,713,677; All. Bek Ernst Gideon. Process of soldering and product thereof. Issued 5-21-29. (28)
- 1,713,708; All. Zeiss Firm of Carl. Photographic objective. Issued 5-21-29. (28)
- 1,713,718; Schwabach Max. Method and means for removing furnace residues. Issued 5-21-29. (28)



- 1,713,732; Zurch Hermann. Key box of type-setting and casting machines. Issued 5-21-29. (28)
- 1,713,752; Hohnekamp Max; Eckhardt Fritz et al. Electric incandescent lamp. Issued 5-21-29. (28)
- 1,713,877; Korosy Paul V. Apparatus for the filling of granular and powdered material. Issued 5-21-29. (34)
- 1,713,892; Dorin Anatol. Tool moving device for crank lathes. Issued 5-21-29. (28)
- 1,713,962; All. Vereinigte Stahlwerke AG. Collapsible draw mandrel. Issued 5-21-29. (28)
- 1,713,990; Wieland Max. Conical bobbin arranged with steps. Issued 5-21-29. (28)
- 1,714,029; Kuhn Karl. Device for strengthening the gums. Issued 5-21-29. (28)
- 1,714,031; Lehmann Ervst Paul. Toy figure. Issued 5-21-29. (28)
- 1,714,035; Mauler Carl. Process for ascertaining the resistance to rusting shown by iron steel and iron alloys. Issued 5-21-29. (6)
- 1,714,039; All. Kanega Juchi Boseki Kabushiki. Process of liquidation of natural silk threads. Issued 5-21-29. (39)
- 1,714,042; Oertz Max. Two part rudder for ships. Issued 5-21-29. (28)
- 1,714,084; Gassen Josef. Rolling mill. Issued 5-21-29. (28)
- 1,714,089; Grosskopf Richard. Rotary printing press. Issued 5-21-29. (28)
- 1,714,106; Ropke Christian. Counting frame. Issued 5-21-29. (28)
- 1,714,168; Heller Oswald. Plant for utilizing the sensible heat of hot coke. Issued 5-21-29. (28)
- 1,714,219; All. Maschinenfabrik Augsburg Nuernberg. Diesel locomotive. Issued 5-21-29. (28)
- 1,714,366; Hartung Carl Adolf. Process for the sterilization of liquids. Issued 5-21-29. (28)
- 1,714,375; Junkers Jugo. Runner for aircraft. Issued 5-21-29. (28)
- 1,714,418; All. Fabbrica Italiana di Penne A. Pencil. Issued 5-21-29. (38)
- 1,714,440; Sauveur Harry. Submerged lifting pump for deep wells. Issued 5-21-29. (28)
- 1,714,441; All. Hermes Magyar Altalonos Valtozlet. Carburetor. Issued 5-21-29. (34)
- 1,714,443; Pineschi Lamberto; Quintiliani Arturo et al. Pneumatic vibrating capsule. Issued 5-21-29. (38)
- 1,714,445; Reuss Wilhelm. Soldering and welding medium for aluminum. Issued 5-21-29. (28)
- 1,714,481; All. Wolters Otto. Typographical machine. Issued 5-21-29. (28)
- 1,714,505; All. Schmidt Sche Heissdampf GmbH. Locomotive boiler and method of operating the same. Issued 5-28-29. (28)
- 1,714,527; Spiess Georg. Sheet feeding mechanism. Issued 5-28-29. (28)
- 1,714,565; All. I G Farbenindustrie A G. Manufacture of depolymerization or degradation products of carbohydrates of high molecular weight. Issued 5-28-29. (28)
- 1,714,615; Weber Kurt; Naumann Paul et al. Soldering iron. Issued 5-28-29. (28)
- 1,714,621; Posentrup Heinrich. Gripper brake for railways. Issued 5-28-29. (28)
- 1,714,635; Schafer Andreas. Veterinary appliance. Issued 5-28-29. (28)
- 1,714,669; Hildebrand Wilhelm. Fluid pressure brake apparatus for railway vehicles. Issued 5-28-29. (28)
- 1,714,835; Yokoyama Tatsuichi. Method of reclaiming vulcanized rubber. Issued 5-28-29. (39)
- 1,714,844; Bunge Friedrich Carl. Ship's side scuttle. Issued 5-28-29. (28)
- 1,715,187; Vollmert Arthur Detlef Joachim; Breitenbach Paul Julius et al. Apparatus for suspending skins, hides, and the like. Issued 5-28-29. (28)
- 1,715,251; Jacobson Heinrich; Sabalitschka Theodor et al. Disinfecting. Issued 5-28-29. (28)
- 1,715,313; Suida Hermann. Process for the distillation and vapor phase extraction of volatile substances. Issued 5-28-29. (6)
- 1,715,331; Richter Erich. Ornament for bobbed hair. Issued 5-28-29. (28)
- 1,715,338; All. Maschinenfabrik einsiedel GmbH. Thread guide operating device for straight bar knitting machines. Issued 5-28-29. (28)
- 1,715,364; Collecting carts. Issued 6-4-29. (28)
- 1,715,369; Kohler Max. Seaming machine. Issued 6-4-29. (28)
- 1,715,370; Kohler Max. Loop spreader mechanism for sewing machines. Issued 6-4-29. (28)
- 1,715,371; Kohler Max. Thread tension mechanism for sewing machines. Issued 6-4-29. (28)
- 1,715,373; Kohler Max. Overseaming machine. Issued 6-4-29. (28)
- 1,715,391; Scholler Heinrich. Separating switch for high voltage aerial conductors. Issued 6-4-29. (28)
- 1,715,424; Ohno Tadashi. Shutter. Issued 6-4-29. (39)
- 1,715,444; Bader Theodor. Vessel for heating purposes. Issued 6-4-29. (28)
- 1,715,451; Eller Fritz. Apparatus for printing tickets and the like. Issued 6-4-29. (28)
- 1,715,458; Kook Otto. Current regulator. Issued 6-4-29. (28)
- 1,715,461; Loeben Wilhelm. Core holder for artificial flowers. Issued 6-4-29. (28)
- 1,715,470; Peters Oscar. Siphon for decanting liquids. Issued 6-4-29. (28)
- 1,715,473; Schleifer Carlo. Machine for combing textile fibers with intermittently rotating nip drums. Issued 6-4-29. (38)
- 1,715,482; Vork Theodor G. Knit fabric. Issued 6-4-29. (28)
- 1,715,489; Baer Alfred. Crank shaft. Issued 6-4-29. (28)
- 1,715,509; All. Vereinigte Stahlwerke AG. Process for obtaining cast iron. Issued 6-4-29. (28)
- 1,715,659; Joksch Rudolf. Gripping device. Issued 6-4-29. (6)
- 1,715,764; Kobayashi Hideo. Differential valve for the air brakes of cars. Issued 6-4-29. (39)
- 1,715,765; Kobayashi Hideo. Air brake apparatus. Issued 6-4-29. (39)
- 1,715,781; Pein Heinz; All. Schmidt and Melmer Firm of. Device for the dust free discharge of circular dustbins into refuse. Issued 6-4-29. (28)
- 1,715,782; Method and means for the electric transmission of written characters.
- 1,715,783; All. Siemens and Halske AG. Production of light by electricity. Issued 6-4-29. (28)
- 1,715,795; All. Internationale Nahrung und Genuss Mittel. Method of producing mercaptans of the furfuryl series. Issued 6-4-29. (28)
- 1,715,812; Bauer Friedrich. Method and apparatus for manufacturing tin openers. Issued 6-4-29. (28)
- 1,715,818; Custers Peter Wilhelm. Machine for moistening and cooling fabrics. Issued 6-4-29. (28)
- 1,715,842; All. Demag AG. Hammer drill. Issued 6-4-29. (28)
- 1,715,866; All. Neufeldt and Kuhnke Betrieb GmbH. Asynchronous machine with condensers. Issued 6-4-29. (28)
- 1,715,871; All. Meyer Huttenwerke Tempelhof A. Method of obtaining copper sulphate. Issued 6-4-29. (28)
- 1,715,893; Bertinetti Giovanni et al.; Gattino Edgardo. Duplicating apparatus. Issued 6-4-29. (38)
- 1,715,953; Sandner Erich. Device for damping torsional vibrations. Issued 6-4-29. (39)
- 1,715,999; Kelber Christian Flammer Ernst et al. Manufacture of soap. Issued 6-4-29. (28)
- 1,716,009; Schmidt Karl Wilhelm. Capsule filling and closing machine. Issued 6-4-29. (28)
- 1,716,012; All. Rohrbach Metall Flugzeugbau GmbH. Wing box. Issued 6-4-29. (28)
- 1,716,053; All. Schmidt Sche Heissdampf. High pressure steam boiler. Issued 6-4-29. (28)
- 1,716,059; Huntemuller Carl. Tank charging appliance. Issued 6-4-29. (28)
- 1,716,087; Rauwald Ferdinand. Sheet metal piling. Issued 6-4-29. (28)
- 1,716,199; Von Hofe Christian et al.; Maurer Max. Wave transmitting apparatus. Issued 6-4-29. (6)
- 1,716,205; Bucher Christian. Method of rendering iron pipes immune from the attack by water and apparatus for performance of this method. Issued 6-4-29. (28)
- 1,716,241; All. Raimann B GmbH. Machine for swaging saw teeth. Issued 6-4-29. (28)
- 1,716,250; Thiele Werner. Manufacturing cigars. Issued 6-4-29. (28)
- 1,716,353; Kunze Ernst Ludwig. Shuttle driver for looms. Issued 6-4-29. (28)
- 1,716,362; All. Deutsche Maschinenfabrik AG. Straightening machine provided with rolls. Issued 6-11-29. (28)
- 1,716,374; Fleissner Hans. Benzene safety lamp for indicating fire damp. Issued 6-11-29. (6)
- 1,716,376; Geiger Eugen. Apparatus for the mechanical purification of waste water. Issued 6-11-29. (28)
- 1,716,379; Leysieffer Gustav. Method of manufacturing sheets slabs or molded articles from celluloid or celloidlike materials. Issued 6-11-29. (28)
- 1,716,408; All. Siemens Schuckertwerke GmbH. Hydraulic relay for regulating apparatus. Issued 6-11-29. (28)
- 1,716,532; All. Schutte Alfred H. Multispindle turret lathe. Issued 6-11-29. (28)
- 1,716,762; Bauxbaum Bertold. Adjustable setting up piece for tools and work pieces. Issued 6-11-29. (28)
- 1,716,978; All. Maschinenfabrik Augsburg Nuernberg. Combustion engine. Issued 6-11-29. (28)
- 1,716,988; Tacconi Guido. Carburetor. Issued 6-11-29. (38)
- 1,717,204; Gotz Richard. Needle bearing. Issued 6-11-29. (28)
- 1,717,227; All. Kanegafuchi Boseki Kabushiki. Method of cocoon storage by cooling and drying. Issued 6-11-29. (39)
- 1,717,237; Mager Herbert. Arrangement for cooling liquids or fluids. Issued 6-11-29. (6)
- 1,717,248; All. Soc Italiana Pirelli. Manufacture of rubber articles. Issued 6-11-29. (38)
- 1,717,249; Pferdmenes Heinrich. Machine for moistening yarn. Issued 6-11-29. (28)
- 1,717,277; Susz Samuel Jr et al; Susz Edmund. Siphon head with bayonet point. Issued 6-11-29. (34)
- 1,717,366; Buchholz Max. Protection of electric apparatus. Issued 6-18-29. (28)
- 1,717,385; Jung Karl. Controlling device for machine tools particularly grinding machines. Issued 6-18-29. (28)
- 1,717,441; Engel Stephan. Tub for infants and babies. Issued 6-18-29. (28)
- 1,717,462; All. Zoidan Hojin Rikagaku Kenkyujo. Electromagnetic chemical balance. Issued 6-18-29. (39)
- 1,717,470; Speidel Robert. Air filter. Issued 6-18-29. (28)
- 1,717,507; Hanns Arthur. Machine for manufacturing tubular bodies from plastic substances. Issued 6-18-29. (28)
- 1,717,548; Berg Fritz. Resilient wheel. Issued 6-18-29. (28)
- 1,717,553; Kelber Christian Flammer Ernst et al. Manufacture of soap. Issued 6-18-29. (28)
- 1,717,677; All. Glasel A and Co Saitenfabrik. String for string instruments. Issued 6-18-29. (28)

- 1,717,737; All. Berliner Maschinenbau A G Vormals L. Inking apparatus for printing machines. Issued 6-18-29. (28)
- 1,717,745; Tismer Friedrich. Propulsion screw. Issued 6-18-29. (28)
- 1,717,768; Fornaca Guido. Two stroke multi-cylinder superfed engine. Issued 6-18-29. (38)
- 1,717,774; All. Kellner Alexis. Collapsible carriage hood. Issued 6-18-29. (28)
- 1,717,776; All. Rheinische Metallwaaren Und. Safety device for automatic firearms. Issued 6-18-29. (28)
- 1,717,780; Imhoff Karl. Subdivided activated sludge system for sewage treatment. Issued 6-18-29. (28)
- 1,717,813; All. Freier Grunder Eisen Und. Melting furnace. Issued 6-18-29. (28)
- 1,717,825; Zilli Luigi. Hoffman furnace. Issued 6-18-29. (38)
- 1,717,855; Schleiff Karl. Shock absorber especially for motor vehicles. Issued 6-18-29. (28)
- 1,717,868; All. Blechspielwarenfabrik Johann Distler. Device for producing color and light effects. Issued 6-18-29. (28)
- 1,717,902; Wiencke Otto. Rotary plate like screen. Issued 6-18-29. (28)
- 1,717,909; Bayer Julius. Intermittently operating absorption refrigerating machine. Issued 6-18-29. (28)
- 1,717,929; Koppe Max. Machine for turning in edges of high grade leather goods. Issued 6-18-29. (28)
- 1,717,935; Leybold Paul. Winding works. Issued 6-18-29. (28)
- 1,717,986; Liebau Gustav Otto Andreas. Apparatus for cleaning sewers and pipes. Issued 6-18-29. (28)
- 1,718,130; Frischmuth Ernst. Combination lock. Issued 6-18-29. (28)
- 1,718,140; Hagihara Masa. Knitting device. Issued 6-18-29. (39)
- 1,718,147; All. Guttmann Willy V. Driving device. Issued 6-18-29. (6)
- 1,718,173; Muller Kari. Photographic spring camera. Issued 6-18-29. (28)
- 1,718,190; Busch Otto. Drying system for use with annular kilns. Issued 6-18-29. (28)
- 1,718,226; All. Schanz Daniel. Ventilator for buildings. Issued 6-25-29. (28)
- 1,718,282; All. Elektro Osmose AG Graf Schwerin. Medical serum. Issued 6-25-29. (28)
- 1,718,295; Kuhne Martin. Knitting machine. Issued 6-25-29. (28)
- 1,718,300; Otto Michalk. Pressure applying air pad. Issued 6-25-29. (28)
- 1,718,401; All. Goliash G and Co Dice playing apparatus. Issued 6-25-29. (28)
- 1,718,422; All. Atlas Werke A G. Distance measuring with the aid of sound waves. Issued 6-25-29. (28)
- 1,718,427; All. Union special maschinenfabrik. Needle actuating mechanism for sewing machines. Issued 6-25-29. (28)
- 1,718,502; Vaders Eugen. Copper aluminum alloy. Issued 6-25-29. (28)
- 1,718,521; Bingler Franz. Ankle support with foot forming sole. Issued 6-25-29. (28)
- 1,718,542; Dobbelsstein Otto. Apparatus for drying charring and otherwise treating loose material. Issued 6-25-29. (28)
- 1,718,543; Dobbelsstein Otto Dec. Apparatus for drying charring and otherwise treating loose material. Issued 6-25-29. (28)
- 1,718,544; Dobbelsstein Otto Dec. Apparatus for drying charring and otherwise treating loose material. Issued 6-25-29. (28)
- 1,718,548; All. I G Farbenindustrie A G. Process for the decreasing of raw wool and other textile fibers. Issued 6-25-29. (28)
- 1,718,581; Rockstroh Walter. Sheet feeding device with sheet separation by a blast of air. Issued 6-25-29. (28)
- 1,718,586; All. Motorenfabrik Deutz A G. Governing system for Diesel engines with arrangements to work with increased admission pressure supercharging. Issued 6-25-29. (28)
- 1,718,615; Uher Edmund Jr. Arrestment. Issued 6-25-29. (34)
- 1,718,653; All. Mauthe Friedrich GmbH. Device for escapement regulation of pendulum clocks. Issued 6-25-29. (28)
- 1,718,699; All. Christoph and Unmack A C G. Sleeping car with a slide passage or corridor. Issued 6-25-29. (28)
- 1,718,765; Speidel Friedrich. Ornamental link structure. Issued 6-25-29. (28)
- 1,718,788; Kappler Paul. Case shift mechanism. Issued 6-25-29. (28)
- 1,718,858; Frank Georg. Button. Issued 6-25-29. (28)
- 1,718,870; Noell Albert. Cooling Bed. Issued 6-25-29. (28)
- 1,718,899; Fischer Alois. Method of uniting radioactive material with a metallic carrier. Issued 6-25-29. (6)
- 1,718,900; Fischer Ferdinand. Offset printing machine. Issued 6-25-29. (28)
- 1,719,023; Pawlikowski Rudolf. Device for working combustion engines with liquid or pulverized fuels. Issued 7-2-29. (28)
- 1,719,032; All. Fiat SA; Change speed gear. Issued 7-2-29. (38)
- 1,719,035; All. Muller J C & Co Universelle Cigaret. Means for introducing materials between rollers. Issued 7-2-29. (28)
- 1,719,043; Bohm Viktor. Process for carotting animal fibers. Issued 7-2-29. (6)
- 1,719,059; Krupa Josef et al; Krupka Coles-tin. Water glide shoe. Issued 7-2-29. (6)
- 1,719,159; Woroshtzow Nikolai. Process for coloring organic fibers or articles such as skins furs paper etc consisting of animal and vegetable fibers. Issued 7-2-29. (28)
- 1,719,165; Boden Georg. Internal combustion engine. Issued 7-2-29. (28)
- 1,719,188; All. Maybach Motorenbau GmbH. Transmission gear. Issued 7-2-29. (28)
- 1,719,238; Sander Erich. Drilling milling and like machine. Issued 7-2-29. (28)
- 1,719,291; Federmann Hugo. Removing nicotine from tobacco. Issued 7-2-29. (28)
- 1,719,349; Welter Adolf. Process for producing soap. Issued 7-2-29. (28)
- 1,719,374; Ihara Chokichi. Fountain pen. Issued 7-2-29. (39)
- 1,719,390; Cappa Giulio Cesare. Stabilizing linkage for front wheel braked motor cars. Issued 7-2-29. (38)
- 1,719,483; Morioka Isao. Photographic method of reproducing original objects. Issued 7-2-29. (39)
- 1,719,548; Hufschmidt Carl. Water softening filter and process of regenerating and purifying the same. Issued 7-2-29. (28)
- 1,719,613; Kohler Max. Intermittent driving mechanism. Issued 7-2-29. (28)
- 1,719,654; Eckers Gustav Ferdinand Julius. Container for fluid. Issued 7-2-29. (28)
- 1,719,657; Goldmann Henryk. Method of treating antimonial ores. Issued 7-2-29. (28)
- 1,719,684; All. Chemisch Technische GmbH. Circulating apparatus for hot gases. Issued 7-2-29. (28)
- 1,719,699; Habann Wilhelm Eduard Erich. Thermionic tube. Issued 7-2-29. (28)
- 1,719,705; Kondo Rennosuke. Device for prevention of detonation in internal combustion engines. Issued 7-2-29. (39)
- 1,719,709; All. Union Special Maschinenfabrik GmbH. Looper actuating mechanism for overedge sewing machines. Issued 7-2-29. (28)
- 1,719,771; Krumm Carl. Spring balanced transverse support for bed bottoms in bedsteads. Issued 7-2-29. (28)
- 1,719,802; All. Soc Invenzioni Brevetti Anonima. Process of treating skin products and article. Issued 7-2-29. (38)
- 1,719,839; Hilscher Curt. Knitting machine. Issued 7-9-29. (28)
- 1,719,926; Damme Richard. Stencil sheet. Issued 7-9-29. (28)
- 1,719,937; Kunze Willy. Device for transmitting and receiving sound waves in water on board ship from ships. Issued 7-9-29. (28)
- 1,719,964; Bruhl Paul. Grinding machine. Issued 7-9-29. (28)
- 1,719,965; Bruhl Paul. Grinding machine. Issued 7-9-29. (28)
- 1,719,971; Fahland Karl. Drum mill feeder. Issued 7-9-29. (28)
- 1,719,996; Peikert Heinrich. Transfer device for finely ground material. Issued 7-9-29. (28)
- 1,720,036; Dreyer Hans. Means for indicating at a distance the amplitude of movements in alternative directions. Issued 7-9-29. (28)
- 1,720,097; All. Marx W and Co. Cough cutting machine. Issued 7-9-29. (28)
- 1,720,111; Abel Emil. Arrangement for resetting derailed railway vehicles on the rails. Issued 7-9-29. (28)
- 1,720,130; Knapfer Bernhard. Oblique seat valve. Issued 7-9-29. (28)
- 1,720,138; Newmark Hans. Method for working up solutions obtained by leaching ores having been subjected to a chlorination roasting process. Issued 7-9-29. (28)
- 1,720,152; Sigmund Friedrich. Wire tier for sacks. Issued 7-9-29. (28)
- 1,720,159; Willmann Paul. Air pump. Issued 7-9-29. (28)
- 1,720,172; Dessauer Friedrich. Electron discharge tube and method of manufacturing the same. Issued 7-9-29. (28)
- 1,720,182; All. Maybach Motorenbau GmbH. Diesel engine. Issued 7-9-29. (28)
- 1,720,203; All. Magnet Werk Firm GmbH Eisenach. Diesel locomotive control. Issued 7-9-29. (28)
- 1,720,210; Daumann Karl Wilhelm. Cathode arrangement for X ray tubes. Issued 7-9-29. (28)
- 1,720,227; Lure Karl. Wheel lathe. Issued 7-9-29. (28)
- 1,720,259; Bohme Martin. Distant indicating device. Issued 7-9-29. (28)
- 1,720,334; Langensiepen Wilhelm. Electric heater. Issued 7-9-29. (28)
- 1,720,487; Lichtenstern Richard. Process for making infusible asphalt masses of high elasticity. Issued 7-9-29. (6)
- 1,720,574; Schieferstein Georg Heinrich. Power transmitting means by oscillatory movements. Issued 7-9-29. (28)
- 1,720,582; Vieweg Volkmar. Device for measuring torsion. Issued 7-9-29. (28)
- 1,720,698; All. Rohrbach Metall Flugzeugbau GmbH. Seaplane. Issued 7-16-29. (28)
- 1,720,730; All. Stich August. Apparatus for releasing ships lifeboats. Issued 7-16-29. (28)
- 1,720,735; Klug Alfred. Napping machine. Issued 7-16-29. (28)
- 1,720,782; Dommer Otto. Apparatus for determining the calorific value of gases. Issued 7-16-29. (28)
- 1,720,803; All. Bruning & Sohn A G. Machine for uniting veneer plates. Issued 7-16-29. (28)
- 1,720,842; Keinath Karl. Adjustable sofa arm. Issued 7-16-29. (28)
- 1,720,850; Negrini Bruno. Roller shutter for shop fronts doors windows and the like. Issued 7-16-29. (38)
- 1,720,907; Koerner Ewald. Device for placing cigarettes of fiat or oval cross section side by side in an oblique position. Issued 7-16-29. (28)
- 1,720,910; Longhi Carlo. Process of treating material in liquid state electrochemically. Issued 7-16-29. (38)
- 1,720,928; All. Luftschiffbau Zeppelin GmbH. Airship truck. Issued 7-16-29. (28)
- 1,720,965; Kreth Wilhelm Moller Wilhelm et al. Preparation of solutions of hydro fluosilicic acid. Issued 7-16-29. (28)
- 1,720,968; Schmidt Julius. Method for the manufacturing of hollow bodies of circular cross section having entrance openings. Issued 7-16-29. (28)
- 1,720,981; All. Prym William GmbH. Press button. Issued 7-16-29. (28)
- 1,721,014; All. Muller Stefan. Optical advertising device. Issued 7-16-29. (28)



- 1,721,031; Noishiki Yoshitoshi. Induction current generating apparatus for medical treatment. Issued 7-16-29. (39)
- 1,721,033; Okochi Masatosi. Apparatus for collecting volatile substances. Issued 7-16-29. (39)
- 1,721,083; Mohr Wilhelm. Dough dividing and working machine. Issued 7-16-29. (28)
- 1,721,271; All. Du Prel Dr Elektrome dizinische. High frequency apparatus. Issued 7-16-29. (28)
- 1,721,275; Madaschi Giuseppe. Frame with down turnable wheels for alternative use as traction carriage for small guns and as platform for placing them in battery. Issued 7-16-29. (28)
- 1,721,303; Jacob Ernst. Method of removing the sprues from cutting tools and similar objects. Issued 7-16-29. (28)
- 1,721,369; All. Rheinische Gummi Und. Doll eyes. Issued 7-16-29. (28)
- 1,721,388; All. Glass Bernhard Sohne. Money box. Issued 7-16-29. (28)
- 1,721,392; Heumann Emil. Ditch digging and cleaning machine. Issued 7-16-29. (28)
- 1,721,398; Jacob Heinrich. Computing weighing scale. Issued 7-16-29. (28)
- 1,721,399; Klein Ernst. Method of manufacture of bags. Issued 7-16-29. (28)
- 1,721,402; Merk Friedrich. Desk telephone station. Issued 7-16-29. (28)
- 1,721,425; Winzenburg Wilhelm. Glass picture projecting device for cinematographic apparatus. Issued 7-16-29. (28)
- 1,721,462; Metz Heinrich. Two share plow. Issued 7-16-29. (28)
- 1,721,471; Rinau Wilhelm. Feed gear for disintegrators agitators mixers and kneaders. Issued 7-16-29. (28)
- 1,721,485; Kersten Julius. Process for the decomposition of chlorides and sulphates of alkali earth metals in molten state by steam. Issued 7-16-29. (28)
- 1,721,538; Wirth Alfred. Permanent way for railways. Issued 7-23-29. (6)
- 1,721,704; Madaschi Giuseppe. Apparatus for throwing bombs or torpedoes. Issued 7-23-29. (38)
- 1,721,783; All. Sachsische Maschinenfabrik Vorm. Cotton drawing frame with balling head. Issued 7-23-29. (28)
- 1,721,785; Meyer Ulfilas. Electric conductor with artificially increased self inductance. Issued 7-23-29. (28)
- 1,721,787; Nakanishi Kinjiro. Electrically controlled device for use in shedding motion in looms for weaving figured fabrics and for use in figured card cutting machines. Issued 7-23-29. (39)
- 1,721,798; Toniolo Carlo. Drying process for ammonium nitrate solutions. Issued 7-23-29. (38)
- 1,721,813; Geipert Rudolf. Method of and apparatus for testing coal. Issued 7-23-29. (28)
- 1,721,820; Ikeda Kikunae. Process of utilizing waste waters from beet sugar molasses. Issued 7-23-29. (39)
- 1,721,853; All. Messgerate Boykow GmbH. Electric current regulator. Issued 7-23-29. (28)
- 1,721,863; All. Linke Hofmann Werke. Wood pulp grinding plant and the art of operating the same. Issued 7-23-29. (28)
- 1,721,977; Sewerin Hermann. Gas indicator. Issued 7-23-29. (28)
- 1,721,985; Brunner Franz. Napping machine. Issued 7-23-29. (28)
- 1,721,990; Gammay Hermann. Process for the production of camphene. Issued 7-23-29. (28)
- 1,721,997; Jacobs Karl W J H. Low temperature distillation of carbonizable material. Issued 7-23-29. (28)
- 1,722,040; Dursch Christoph. Welding and soldering composition. Issued 7-23-29. (28)
- 1,722,063; Spitzenberg Georg Karl. Hand hoe. Issued 7-23-29. (28)
- 1,722,076; I G Farben Industrie A G. Stable iron carbonyl compositions and their manufacture. Issued 7-23-29. (28)
- 1,722,093; Jagschitz Konrad. Disk gas holder. Issued 7-23-29. (28)
- 1,722,095. Issued 7-23-29.
- 1,722,339; Pauling Harry. Combustion of ammonia. Issued 7-30-29. (28)
- 1,722,340; All. Lehmann Ernst Paul. Figure wheeled toy. Issued 7-30-29. (28)
- 1,722,375; Hipssich Karl. Diving apparel adapted to withstand high pressure. Issued 7-30-29. (28)
- 1,722,391; Pfrommer Bruno. Knitted fabric. Issued 7-30-29. (28)
- 1,722,397; All. Rheinische Metallwaren und. Carriage for automatic firearms. Issued 7-30-29. (28)
- 1,722,403; Vetter Ludwig. Liquid sprayer. Issued 7-30-29. (28)
- 1,722,419; Reidl Anton et al; Otto Heinisch. System for the distribution of electric energy. Issued 7-30-29. (28)
- 1,722,425; Junkers Hugo. Internal combustion engine. Issued 7-30-29. (28)
- 1,722,440; Nardone Ugo. Plow tractor. Issued 7-30-29. (38)
- 1,722,582; Kloss Ulrich. D C railway system. Issued 7-30-29. (28)
- 1,722,637; Landau Robert. Cap shaped contrivance for closing vessels or receptacles. Issued 7-30-29. (6)
- 1,722,674; Oberschulte Hermann. Dolphin pile. Issued 7-30-29. (28)
- 1,722,752; Karnath Kurt. Slide valve. Issued 7-30-29. (28)
- 1,722,767; Schieferstein Georg Heinrich. Pneumatic oscillating system and loosely operative pneumatic couplings. Issued 7-30-29. (28)
- 1,722,863; All. Klonne Firm Aug. Sealing piston for reservoirs for the storage of gas steam or easily evaporating liquids. Issued 7-30-29. (28)
- 1,722,908; Geisler Heinz. Twine seal. Issued 7-30-29. (28)
- 1,722,909; Meyer Eberhard et al; Goldstein Ewald. Closure for bottles and like receptacles. Issued 7-30-29. (28)
- 1,722,914; All. I G Farbenindustrie AG. Manufacture of cellulose esters. Issued 7-30-29. (28)
- 1,722,926; Kreisel Franz Karl. Process for the preparation of letters, figures and like signs for fixing to windows and the like. Issued 7-30-29. (28)
- 1,722,935; Messter Oskar. Target practice apparatus. Issued 7-30-29. (28)
- 1,722,940; Pein Heinz. Method and apparatus for transmitting written characters. Issued 7-30-29. (28)
- Juliusburger Josef. Machine for untwisting and carding fibrous materials (28)
- 1,722,124; Piel Carl et al; Adey Carl. Method of casting copper alloys. Issued 7-23-29. (28)
- 1,722,125; All. A T C Allgemeine Transportanlagen. Lifting machine such as a crane. Issued 7-23-29. (28)
- 1,722,153; All. Felten and Guillaume Carlswerk AG. High tension cable. Issued 7-23-29. (28)
- 1,722,158; Reiffenstein Mansfred. Water power engine. Issued 7-23-29. (6)
- 1,722,184; Toyoda Kichiro. Tall thread cutting mechanism in automatic looms. Issued 7-23-29. (39)
- 1,722,187; Wetzel Hugo A. Whipper for converting liquids into foam. Issued 7-23-29. (28)
- 1,722,248; Jammer Emil. Name plate with interchangeable characters. Issued 7-23-29. (28)
- 1,723,098; Ungerer Fritz. Method and apparatus for straightening plates. Issued 8-6-29. (28)
- 1,723,106; All. Rohrbach Metall Flugzeugbau. Device for cutting out plated work pieces. Issued 8-6-29. (28)
- 1,723,139; De Tovaros Julius Fischer. Sliding current collector for electric vehicles. Issued 8-6-29. (34)
- 1,723,157; All. Motor Pumpen GmbH. Screw pump. Issued 8-6-29. (28)
- 1,723,389; Thiel Heinrich. Device for putting under tension the tools of filing sawing and similar machines and machine tools. Issued 8-6-29. (28)
- 1,723,411; Dossmann Arturo. Process for the treatment of scrap iron. Issued 8-6-29. (38)
- 1,723,413; Drehmann Hugo. Device for roasting baking and steaming. Issued 8-6-29. (28)
- 1,723,431; Melamid Michael. Process of obtaining liquid products from coal and the like. Issued 8-6-29. (28)
- 1,723,443; Roth Ernst. Disintegrating machine. Issued 8-6-29. (28)
- 1,723,444; All. Schlesinger C and Trier K G. Method of producing metals. Issued 8-6-29. (28)
- 1,723,449; Tolkien Fritz. Slide valve gear for reciprocating steam engines. Issued 8-6-29. (28)
- 1,723,452; All. Bruning and Sohn A G. Veneer box and method of manufacturing the same. Issued 8-6-29. (28)
- 1,723,487; Ohno Tadashi. Shutter. Issued 8-6-29. (39)
- 1,723,510; All. Universelle. Cigarette machine. Issued 8-6-29. (28)
- 1,723,524; Rosa Augusto. Electric circuit for central telephone offices. Issued 8-6-29. (38)
- 1,723,530; All. Jffa GmbH. High pressure cartridge for fire extinguishing apparatus and the like. Issued 8-6-29. (28)
- 1,723,544; Etzeit Heinrich. Lubricating pump. Issued 8-6-29. (28)
- 1,723,545; All. I G Farbenindustrie AG. Process of preparing 1 phenyl 3 methyl 5 pyrazolone. Issued 8-6-29. (28)
- 1,723,613; All. Universelle Cigarettenmaschinen. Driving means for cigarette conveyers in cigarette rod machines. Issued 8-6-29. (28)
- 1,723,686; All. Sack Rudolf. Vehicle operated lift. Issued 8-6-29. (28)
- 1,723,697; All. Schmidtsche Heissdampf GmbH. Superheating of steam in steam generating installations for high pressure and highly superheated steam. Issued 8-6-29. (28)
- 1,723,714; Stohrer Robert. Cleaning intestines. Issued 8-6-29. (28)
- 1,723,732; All. Sachsenwerk Licht und Kraft AG. Apparatus for the compensation of asynchronous machines by shunt commutator motors connected in cascade. Issued 8-6-29. (28)
- 1,723,791; Kyber Wladimir. Process for the production of phosphorous and fusion cement from natural phosphates. Issued 8-6-29. (28)
- 1,723,807; Raffloer Emil. Method of coking solid fuel. Issued 8-6-29. (28)
- 1,723,891; Schneider Emil. Accounting machine. Issued 8-6-29. (38)
- 1,723,892; Schonberger Moritz. Display stand or the like. Issued 8-6-29. (6)
- 1,723,940; Krantz Hubert J M C. Centrifugal machine. Issued 8-6-29. (28)
- 1,723,998; All. Soc Italiana Lavorazioni Meccaniche. Method of and apparatus for cutting lengths from a continuously fed bundle of artificial threads filaments and the like. Issued 8-13-29. (38)
- 1,724,009; All. Luftschiffbau Zeppelin GmbH. Rigid airship with separate gas cells. Issued 8-13-29. (28)
- 1,724,012; Fornaca Guido. Internal combustion engine cylinder. Issued 8-13-29. (38)
- 1,724,111; Richter Julius. Bandage or catamenial appliance. Issued 8-13-29. (6)
- 1,724,141; Nowotnick Johann Peter. Clothes peg. Issued 8-13-29. (28)
- 1,724,159; All. Magnet Werk GmbH. Eisenach. Change speed tooth gear. Issued 8-13-29. (28)

- 1,724,187; Galbarini Antonio. Signaling apparatus for automobiles and the like. Issued 8-13-29. (38)
- 1,724,220; Puccia Giovanni. Folding furniture. Issued 8-13-29. (38)
- 1,724,273; All. Soc. Italiana Vop. Means and device to vaporize heavy liquid fuel for use as driving power in gas engines generally. Issued 8-13-29. (38)
- 1,724,314; Rober Ewald. Rolling mill of the pilger type. Issued 8-13-29. (28)
- 1,724,319; All. Neuerburg Sche Messrs Verwaltungs. Apparatus for uniformly feeding cut tobacco to the rod forming mechanism of cigarette making machines. Issued 8-13-29. (28)
- 1,724,392; Busch Otto. Circular kiln. Issued 8-13-29. (28)
- 1,724,439; Von Hutschler Gustav. Therapeutic appliance. Issued 8-13-29. (28)
- 1,724,465; All. Muller C H F Rontgen Rohrenfabrik. Process of fusing metallic bodies to glass and the combination of metals used in said process. Issued 8-13-29. (28)
- 1,724,466; Erhart Julius et al; Lemberger Fritz Hehle Anton. Bottle closure device. Issued 8-13-29. (6)
- 1,724,468; Gambarotta Piero. Speed indicating apparatus. Issued 8-13-29. (38)
- 1,724,473; Grune Max. Method of and machine for manufacturing fillers for shoes and boots. Issued 8-13-29. (28)
- 1,724,480; Hentzler Hermann. Support for trousers. Issued 8-13-29. (28)
- 1,724,485; Kappler Paul. Ink ribbon vibrator mechanism in typewriters. Issued 8-13-29. (28)
- 1,724,513; Pollitzer Franz. Process for transferring heat from gases to other gases. Issued 8-13-29. (28)
- 1,724,516; Remedios Honor De Souza. Sanitary toothbrush container. Issued 8-13-29. (39)
- 1,724,519; Schellewald Eduard. Joint for flanged steel beams. Issued 8-13-29. (28)
- 1,724,572; Gelsen Alois. Method of and apparatus for producing photoluminescent pictures. Issued 8-13-29. (28)
- 1,724,590; Horn Leonhard. Screw device. Issued 8-13-29. (28)
- 1,724,628; Vohs Norbert. Process for the manufacture of half linen. Issued 8-13-29. (28)
- 1,724,647; Eberspacher Paul. Traffic signal. Issued 8-13-29. (28)
- 1,724,653; Heitmann Moritz Joseph. Process for producing lubricants containing water. Issued 8-13-29. (28)
- 1,724,657; Jahne Ernst Hermann. Removing sheets from piles. Issued 8-13-29. (28)
- 1,724,715; All. Deutsch Luxemburgische Bergwerks. Automatic matching and doubling machine. Issued 8-13-29. (28)
- 1,724,730; All. Sachsenwerk Licht und Kraft AG. Compensated asynchronous machine with supply to the rotor. Issued 8-13-29. (28)
- 1,724,845; Lancia Vincenzo. Spar for vehicle frames. Issued 8-13-29. (38)
- 1,724,893; Baginski Leo Max. Massage apparatus. Issued 8-20-29. (28)
- 1,724,941; Kesselring Fritz. Starting device for internal combustion engines. Issued 8-20-29. (28)
- 1,724,953; Meyer Fritz. Method of and device for testing blood. Issued 8-20-29. (28)
- 1,725,006; Kelp Gustav Benno Moritz. Temperature control device. Issued 8-20-29. (28)
- 1,725,008; Kugler August. Adjustable and interchangeable advertising sign. Issued 8-20-29. (28)
- 1,725,012; All. Metallogen GmbH. Nozzle for atomizing wire shaped materials. Issued 8-20-29. (28)
- 1,725,013; Minck Paul Hermann. Machine for treating cottonseed hulls. Issued 8-20-29. (28)
- 1,725,045; Althoff Walter. Vat for washing fiber material and the like wound on bobbins. Issued 8-20-29. (28)
- 1,725,066; Egersdorfer Fritz. Atomizer for liquid fuel. Issued 8-20-29. (28)
- 1,725,175; All. Siemensschuckertwerke GmbH. Lead in construction for electric discharge tubes. Issued 8-20-29. (28)
- 1,725,272; All. Rheinische Metallwaren Und. Automatic firearm. Issued 8-20-29. (28)
- 1,725,309; Spiess Georg. Folding device. Issued 8-20-29. (28)
- 1,725,310; Stedefeld Curt. Lateral springing for vehicle running gears. Issued 8-20-29. (28)
- 1,725,327; Biller Hans. Sound box for talking machines. Issued 8-20-29. (28)
- 1,725,330; Blau Ernst. Surface plate for wheel lathes. Issued 8-20-29. (28)
- 1,725,492; Tessky Karl. Work piece feed for machine tools. Issued 8-20-29. (28)
- 1,725,591; All. Union Special Maschinenfabrik. Looper mounting for sewing machines. Issued 8-20-29. (28)
- 1,725,596; All. Bensa Felice. Process for manufacturing dyestuffs. Issued 8-20-29. (38)
- 1,725,620; All. I G Farbenindustrie A G. Esters of silicic acid. Issued 8-20-29. (28)
- 1,725,630; Gielow Christian. Rolling mill. Issued 8-20-29. (28)
- 1,725,653; Kruckenberg Franz. Arrangement for the intense transportation of persons. Issued 8-20-29. (28)
- 1,725,675; Sallmann Gotthard A. Process of making texture having the appearance of leather. Issued 8-20-29. (28)
- 1,725,686; Ufer Hubert. File with double cut. Issued 8-20-29. (28)
- 1,725,733; Harter Ludwig. Detachable wheel rim. Issued 8-20-29. (28)
- 1,725,740; Schulte Karl. Roller conveyor. Issued 8-20-29. (28)
- 1,725,741; Strunz Heinrich. Guard for leather leggings. Issued 8-20-29. (28)
- 1,725,804; Krumper Friedrich. Shuttle for weaving looms. Issued 8-27-29. (6)
- 1,725,808; Liese Paul. Structure comprising glass tiles. Issued 8-27-29. (28)
- 1,725,837; Spiess Georg. Cross folding machine. Issued 8-27-29. (28)
- 1,725,863; Braune Anton et al; Heussler Josef. Gas cooker. Issued 8-27-29. (6)
- 1,725,873; Leege Karl. Laying over device for reaping and binding machines. Issued 8-27-29. (28)
- 1,725,881; All. Daimler Benz A G. Apparatus for operating liquid turbines by means of combustion machines. Issued 8-27-29. (28)
- 1,725,896; Beckert Hans. Device for preventing the breaking of fins in swimming shoes. Issued 8-27-29. (28)
- 1,725,941; Stein Otto. Painter's implement or pattern. Issued 8-27-29. (28)
- 1,725,950; Badermann Karl Robert Ernst. Airplane. Issued 8-27-29. (28)
- 1,726,037; Meyer Rudolf. Reversing gear. Issued 8-27-29. (28)
- 1,726,048; All. I G Farbenindustrie A G. Process for obtaining gases rich in ethylene. Issued 8-27-29. (28)
- 1,726,066; All. Metallgesellschaft A G. Process of converting tin ores into the form of pieces. Issued 8-27-29. (28)
- 1,726,117; Opitz Joseph. Trough for wet spinning machinery. Issued 8-27-29. (28)
- 1,726,194; All. Goldschmidt TH A G. Process of improving aluminum alloys. Issued 8-27-29. (28)
- 1,726,198; Stahl Eugen. Football boot and the like. Issued 8-27-29. (28)
- 1,726,242; Schwarz Philipp. Stamping process. Issued 8-27-29. (28)
- 1,726,252; All. I G Farbenindustrie A G. Complex compounds of aromatic paradiamines with sulphur dioxide and process of preparing same. Issued 8-27-29. (28)
- 1,726,256; All. Universelle Cigarettenmaschinen. Rod cigarette machine. Issued 8-27-29. (28)
- 1,726,268; Jahr Rudolf. Optical instrument for the examination of spaces which are accessible only through narrow entrances. Issued 8-27-29. (28)
- 1,726,300; All. Testa GmbH. Metal tube press. Issued 8-27-29. (28)
- 1,726,320; Shimizu Seizo. Ship's log and speed indicator. Issued 8-27-29. (39)
- 1,726,342; Cerny Karl. Flying machine with flapping wings. Issued 8-27-29. (6)
- 1,726,395; Kishimoto Taro. Clear vision apparatus for rapid running vehicles or ships. Issued 8-27-29. (39)
- 1,726,433; Greiner Fritz. Process for the manufacture of strong machinable cast iron. Issued 8-27-29. (28)
- 1,726,462; Wittig Karl. Compressed air engine. Issued 8-27-29. (28)
- 1,726,514; All. Liebschner Ferd and Sohn, Picker for looms. Issued 8-27-29. (28)
- 1,727,162; Erkens Paul. Multiple wire paper machine. Issued 9-3-29. (28)
- 1,727,173; Muller Carl. System for selecting rays of different wave lengths from a source thereof. Issued 9-3-29. (28)
- 1,727,174; All. I G Farbenindustrie A G. Production of ammonia from its elements. Issued 9-3-29. (28)
- 1,727,251; All. Semer and Co GmbH. Method for removing the sap from felled trunks and for impregnating coloring or drying the same. Issued 9-3-29. (28)
- 1,727,274; De Tovaros Julius Fischer. Sliding current collector for electric vehicles. Issued 9-3-29. (34)
- 1,727,280; Föttinger Hermann. Internal combustion-pump. Issued 9-3-29. (28)
- 1,727,449; Schulz Josef. Sheet metal casing for photographic films. Issued 9-10-29. (28)
- 1,727,453; Tockhorn Hugo. Card index. Issued 9-10-29. (28)
- 1,727,497; Zwick Jacob. Nailbrush. Issued 9-10-29. (28)
- 1,727,501; Budach Gustav. Milking apparatus. Issued 9-10-29. (28)
- 1,727,518; Gettinger Richard. Casting apparatus. Issued 9-10-29. (28)
- 1,727,549; Kubler Theodor. Sprayer or atomizer. Issued 9-10-29. (28)
- 1,727,601; Imhoff Karl. Oscillating aerating pipe. Issued 9-10-29. (28)
- 1,727,697; All. Maschinenfabrik. Double acting two stroke gas engine with slot scavenging. Issued 9-10-29. (28)
- 1,727,765; Greve John Emil William et al; Klaar Albert Max. Calculating machine. Issued 9-10-29. (28)
- 1,727,818; All. Von Hantelmann and Co. Mechanical toy figure. Issued 9-10-29. (28)
- 1,727,828; Heyn Werner. Self acting siphon. Issued 9-10-29. (28)
- 1,727,832; Kogure Rokuro. Apparatus for opening and shutting a filter press. Issued 9-10-29. (39)
- 1,727,919; All. Studiengesellschaft fuer Wirtschaft. Method of using ultra violet rays to aid the process of combustion in combustion motors etc. Issued 9-10-29. (28)
- 1,727,930; Bock Emil Heinrich. Safety device provided with cells which are sensitive to light. Issued 9-10-29. (28)
- 1,727,944; Schubert Herman. Support or carrier for material to be sifted. Issued 9-10-29. (28)
- 1,727,958; Borchardt Andreas. Gate valve cooling system. Issued 9-10-29. (28)
- 1,727,995; Lechler Wilhelm. Apparatus for disinfecting and extirpating vermin by means of a steam boiler. Issued 9-10-29. (28)
- 1,728,062; Ito Ketsuke. Double folding umbrella. Issued 9-10-29. (39)
- 1,728,094; Wittek Herbert. Process of reducing zinc ores. Issued 9-10-29. (28)
- 1,728,206; All. I G Farbenindustrie A G. Process of treating cellulose with lactic acid and the product thereof. Issued 9-17-29. (28)



- 1,728,209; Malonyay John. Power operated plow or other agricultural implement. Issued 9-17-29. (34)
- 1,728,313; Treuner Feodor. Horizontal bar. Issued 9-17-29. (28)
- 1,728,321; Antonelli Leonida. Rotary pump. Issued 9-17-29. (38)
- 1,728,322; Badrian Max. Device for elastically clamping off the male uretha. Issued 9-17-29. (28)
- 1,728,347; Jager Emil. Wire weaving loom. Issued 9-17-29. (28)
- 1,728,375; All. Siemens Schuckertwerke GmbH. Process of utilizing the heat of the generator of superpressure steam. Issued 9-17-29. (28)
- 1,728,425; All. Wengraf & Platzer. Air purifying apparatus. Issued 9-17-29. (6)
- 1,728,426; Martin Karl. Color cinematography. Issued 9-17-29. (28)
- 1,728,438; Nakanishi Kinjiro. Electrically controlled shedding device. Issued 9-17-29. (39)
- 1,728,471; Bratring Kurt. Method of and apparatus for treating foils of cellulose or derivatives thereof by means of suitable fluids. Issued 9-17-29. (28)
- 1,728,482; Fischer Herbert et al; Grodnitzky Lasar. Pressure closure apparatus. Issued 9-17-29. (28)
- 1,728,567; Kohlschutter Ernst Wolfgang. Belt- ing of woven fibrous material. Issued 9-17-29. (28)
- 1,728,598; Eirich Ludwig et al; Eirich Joseph. Discharging closure for mixing machines. Issued 9-17-29. (28)
- 1,728,657; All. Bamag Meguin A G. Screening plant for coke and similar materials. Issued 9-17-29. (28)
- 1,728,682; All. I G Farbenindustrie AG. Machinery for softening or breaking fibrous materials. Issued 9-17-29. (28)
- 1,728,686; All. I G Farbenindustrie A G. Process for the continuous purification of crude carbon disulphide. Issued 9-17-29. (28)
- 1,728,711; YosLimatsu Tadao. Pencil. Issued 9-17-29. (39)
- 1,728,712; Aberle Otto. Hand brush. Issued 9-17-29. (28)
- 1,728,717; All. Porzellan Fabrik Ph Rosenthal. Suspension insulator. Issued 9-17-29. (28)
- 1,728,720; Breisig Albert. Process and apparatus for utilizing the heat of the waste gases of alternately working gas generators and that of the produced gas. Issued 9-17-29. (6)
- 1,728,748; All. Deutsche Gasgluhlicht Auer GmbH. Process for the manufacture of refractory substances. Issued 9-17-29. (28)
- 1,728,807; Schwalbe Carl Gustav. Method of carbonizing a cellulose containing substance such as wood pea and the like. Issued 9-17-29. (28)
- 1,728,818; Arato Achille. Steering gear for trailed vehicles. Issued 9-17-29. (38)
- 1,728,824; All. Zanga Maschinenfabrik Carl AG. Drive for Dobby and Jacquard looms. Issued 9-17-29. (28)
- 1,728,826; Gruttmann Franz. Registering stamp. Issued 9-17-29. (28)
- 1,728,830; All. Schnellpressenfabrik AG Heidelberg. Platen printing press. Issued 9-17-29. (28)
- 1,728,878; All. Kohorn & Co Oscar. Device for the wet treatments of hanks and the like. Issued 9-17-29. (28)
- 1,728,993; Gerdes Adolf Friedrich. Adjoint piece for telescope sights. Issued 9-24-29; (28)
- 1,729,037; All. Kohlenscheidungs GmbH. Boiler arrangement. Issued 9-24-29. (28)
- 1,729,042; Junkers Hugo. Aviation motor. Issued 9-24-29. (28)
- 1,729,072; Horii Schinhiro. Stencil sheet. Issued 9-24-29. (39)
- 1,729,185; Redlich Berthold. Process for preparing emulsions of liquid or dissolved substances. Issued 9-24-29. (28)
- 1,729,204; Braun Erich. Shoewear and process of manufacturing the same. Issued 9-24-29. (28)
- 1,729,217; Hufschmidt Carl. Powdered fuel furnace. Issued 9-24-29. (28)
- 1,729,254; Habicht Otto. Footwear. Issued 9-24-29. (28)
- 1,729,266; Gompertz Josef. Tie holder. Issued 9-24-29. (28)
- 1,729,296; Sarason David. Apparatus for hot treatment of the inner female genitals. Issued 9-24-29. (28)
- 1,729,303; Von Baussen Hans. Small size hearing apparatus. Issued 9-24-29. (28)
- 1,729,345; All. Deutsche Werke Kiel AG. Repulsion induction motor. Issued 9-24-29. (28)
- 1,729,393; Lattemann Emil. Shoe. Issued 9-24-29. (28)
- 1,729,397; Meuche Walter. Device for stopping railroad trains independently of the driver. Issued 9-24-29. (28)
- 1,729,446; Maier Erich R F. Ship hull. Issued 9-24-29. (28)
- 1,729,465; All. Vereinigte Stahlwerke AG. Arrangement for securing railway rails. Issued 9-24-29. (28)
- 1,729,474; Bohm Erich. Treatment of felt and felt hat bodies. Issued 9-24-29. (6)
- 1,729,516; All. Wasser und Luft Fahrzeug GmbH. Valve for airships balloons and the like. Issued 9-24-29. (28)
- 1,729,532; All. Hermsdorf Schomburg Isolatoren G4B. Electrical insulator. Issued 9-24-29. (28)
- 1,729,565; Caretta Ettore. Fluid operating shock absorber. Issued 9-24-29. (38)
- 1,729,577; Gastell Franz. Blast nozzle. Issued 9-24-29. (28)
- 1,729,596; Herz Philipp. Process and device for the manufacture of seat air cushions. Issued 9-24-29. (28)
- 1,729,697; Fleissner Hans, Apold Anton et al. Process of roasting iron carbonate ores. Issued 10-1-29. (6)
- 1,729,725; Krebs Willy. Insertion sole for boots and shoes. Issued 10-1-29. (28)
- 1,729,809; Wilhelm Karl Kriedrich. Process of extracting fatty acids resins bitter substances and mucilage from oils and fats. Issued 10-1-29. (28)
- 1,729,810; Witzel Karl. Electric heating arrangement for heating the cooling water of combustion engines. Issued 10-1-29. (28)
- 1,729,836; Kilchling Karl. Torsion balance. Issued 10-1-29. (28)
- 1,729,926; Brüsselbach Conrad. Steering post control. Issued 10-1-29. (28)
- 1,729,955; Matthaei Curt. Apparatus for unwinding coiled wire band iron and the like. Issued 10-1-29. (28)
- 1,730,029; Beck Curt. Tracking moving machine. Issued 10-1-29. (28)
- 1,730,037; All. I G Farbenindustrie A G. Soap preparation. Issued 10-1-29. (28)
- 1,730,069; Gebser Paul. Tray for card index systems. Issued 10-1-29. (28)
- 1,730,154; Loeb James. Cupboard bookcase or the like. Issued 10-1-29. (28)
- 1,730,200; Fornaca Guido. Balancing apparatus for slide valves of compressors. Issued 10-1-29. (38)
- 1,730,201; Foss Wilhelm. Operating valve for air guns. Issued 10-1-29. (28)
- 1,730,217; Kessler Albert. Pot cleaner. Issued 10-1-29. (28)
- 1,730,244; Reinsch Rudolf. Book cover. Issued 10-1-29. (6)
- 1,730,295; Reuther Johann Wilhelm. Packing device for automatic sack weighing machines. Issued 10-1-29. (28)
- 1,730,296; All. Lehmann Ernest Paul Patentwerk. Toy motor car. Issued 10-1-29. (28)
- 1,730,306; Tebaldi Alessandro. Valve. Issued 10-1-29. (38)
- 1,730,427; Hosol Isamu. Gearing for sound reproducing machines. Issued 10-8-29. (39)
- 1,730,430; Kastner Johann Georg. Process for treating fibrous material of vegetable artificial or animal origin. Issued 10-8-29. (28)
- 1,730,441; Smith Wijtze Beije. Spark plug and method of making the same. Issued 10-8-29. (28)
- 1,730,544; All. Luftschiffbau Zeppelin GmbH. Composition for impregnating balloon fabrics. Issued 10-8-29. (28)
- 1,730,661; Klases Hans. Renewable safety fuse. Issued 10-8-29. (28)
- 1,730,746; Roder Karl. Steam or gas turbine. Issued 10-8-29. (28)
- 1,730,749; Spiess Georg. Cross folding machine. Issued 10-8-29. (28)
- 1,730,821; Dempster Fritz. Caoutchouc cutting device. Issued 10-8-29. (28)
- 1,730,867; All. Schmidt Sche Geissdampf GmbH. Locomotive boiler. Issued 10-8-29. (28)
- 1,730,888; Heumann Albert. Fruit and like peeler. Issued 10-8-29. (28)
- 1,730,890; All. Metallgesellschaft AG. Automatic clutch. Issued 10-8-29. (28)
- 1,730,931; Gehler Fritz. Shuttle. Issued 10-8-29. (28)
- 1,730,937; All. Metallgesellschaft AG. Centrifugal friction clutch. Issued 10-8-29. (28)
- 1,730,950; Schmidt Benno, Hundt Otto. Thread moistening apparatus. Issued 10-8-29. (28)
- 1,730,958; Van Wiene Pieter. Cutting head for suction dredgers. Issued 10-8-29. (28)
- 1,730,960; Wust Fritz. Purifying pig iron. Issued 10-8-29. (28)
- 1,731,020; Messer Adolf. Burner for cutting and welding. Issued 10-8-29. (28)
- 1,731,021; Muller Karl et al; Sander Wilhelm. Bearing metal alloy. Issued 10-8-29. (28)
- 1,731,074; All. Union Special Maschinenfabrik. Strip feeding mechanism for sewing machines. Issued 10-8-29. (28)
- 1,731,112; All. Verein Fur Chemische Industrie A 7. Production of cellulose from highly lignified plants. Issued 10-8-29. (28)
- 1,731,134; Hirschson Franz. Photometer principally for photographit and ayrometric purposes. Issued 10-8-29. (28)
- 1,731,148; Otto William. Card cloth having a felt layer. Issued 10-8-29. (28)
- 1,731,149; Rafflenbeul Rudolf. Shock absorber for vehicle couplings. Issued 10-8-29. (28)
- 1,731,152; All. Boehringer C. H. Sohn. Process for the manufacture of derivatives of dihydrocodeinone or its substitution products. Issued 10-8-29. (28)
- 1,731,273; All. Drager Heinrich Otto. Inhaling apparatus. Issued 10-15-29. (28)
- 1,731,354; Schwalbe Carl Gustav. Process of carbonizing the organic constituents of sulphur cellulose LHV. Issued 10-15-29. (28)
- 1,731,395; Radtke Albert. Instrument for writing characters on advertising boards. Issued 10-15-29. (28)
- 1,731,401; Teckenburg August. Clock with automatically traveling surface and annular gap for the block hands. Issued 10-15-29. (28)
- 1,731,433; All. I G Farbenindustrie A G. Nondeliquescent product from sulphite waste liquor. Issued 10-15-29. (28)
- 1,731,679; All. I G Farbenindustrie A G. Softening paper. Issued 10-15-29. (28)
- 1,731,686; Rinneberg Emil. Javelin. Issued 10-15-29. (28)
- 1,731,699; Cacalli Italo. Process for the extraction of mercury from its ores and from residues of their roasting. Issued 10-15-29. (38)
- 1,731,722; All. Maschinenbau A G. Gas burner. Issued 10-15-29. (28)
- 1,731,728; Sachs Ernest. Coaster brake for vehicles. Issued 10-15-29. (28)
- 1,731,729; Schlumbohm Peter. Device for injecting liquid into a cavity of the human body. Issued 10-15-29. (28)

- 1,731,738; Dressel Karl. Means for facilitating the production of footwear by factory methods. Issued 10-15-29. (28)
- 1,731,840; Brown Jeger Israel. Airship. Issued 10-15-29. (28)
- 1,731,847; Eckart Carl jr. Bronze and tincture container. Issued 10-15-29. (28)
- 1,732,032; All. Drahtlose Telegraphie GmbH. Arrangement for audio frequency amplification. Issued 10-15-29.
- 1,732,066; Sandt Julius. Cutting press. Issued 10-15-29. (28)
- 1,732,105; Merz Friedrich. Manufacture of ointments and particularly water ointments. Issued 10-15-29. (28)
- 1,732,106; Miyahara Masayasu. Mercuric cyanide tartrate and the process of making it. Issued 10-15-29. (39)
- 1,732,111; Rostin Heliodor. Process for conversion or purification of hydrocarbon fluids. Issued 10-15-29. (28)
- 1,732,117; Brandt Richard. Method for oxidizing potassium ferrocyanide to potassium ferricyanide. Issued 10-15-29. (28)
- 1,732,216; Beutelspacher Adolf. Pin. Issued 10-22-29. (28)
- 1,732,317; All. Bek Ernst Gideon. Method of soldering of chain and ring mesh fabrics. Issued 10-22-29. (28)
- 1,732,373; All. I G Farbenindustrie A G. Catalytically manufacturing phosphoric acid and hydrogen. Issued 10-22-29. (28)
- 1,732,380; Sarason David. Apparatus for the external treatment of parts of the body by water. Issued 10-22-29. (28)
- 1,732,382; Schultz Hermann. Mold for aluminothermic welding of parts. Issued 10-22-29. (28)
- 1,732,386; Sprockhoff Maximilian. Separator. Issued 10-22-29. (28)
- 1,732,388; Tessky Karl. Driving mechanism for machine tools. Issued 10-22-29. (28)
- 1,732,389; Timm Hans. Support for menus or bills of fare. Issued 10-22-29. (28)
- 1,732,390; Wattmann John. Welding collar for rail joints. Issued 10-22-29. (28)
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- 1,732,396; Bock, Max. Telemetric gas analyzer. Issued 10-22-29. (28)
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- 1,732,556; Esau Abraham. Short wave wireless signaling. Issued 10-22-29. (28)
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- 1,732,615; All. Vereinigte Stahlwerke A G. Process for improving the strength qualities of steel wire. Issued 10-22-29. (28)
- 1,732,658; All. Kipping Thilo. Trifler coupling for saddle tractors with run up rails. Issued 10-22-29. (28)
- 1,732,662; All. Kali Chemie A G. Recovering zirconic oxide. Issued 10-22-29. (28)
- 1,732,664; Seelig Sigbert. Apparatus for cracking oils. Issued 10-22-29. (28)
- 1,732,683; Hubl Franz. Printing machinery. Issued 10-22-29. (38)
- 1,732,684; All. Serfix Serviettenhalter Fabrik. Napkin holder. Issued 10-22-29. (28)
- 1,732,692; Feiseler Alfred. Method for the production of saw blades. Issued 10-22-29. (28)
- 1,732,720; Hombrecher Albert. Crown beater for braiding and lace machines. Issued 10-22-29. (28)
- 1,732,788; Buddeus Wilhelm. Process of reducing ores and the like. Issued 10-22-29. (28)
- 1,732,840; Fuchs Franz. Work holding chuck. Issued 10-22-29. (28)
- 1,732,845; Hofer Walter. Fastener attaching machine. Issued 10-22-29. (28)
- 1,732,856; Pawlikowski Rudolf. Cylinder for piston engines. Issued 10-22-29. (28)
- 1,732,895; All. Sachsenwerk Licht und Kraft A G. Uni or multi polar oil break switch. Issued 10-22-29. (28)
- 1,733,003; Boehm Heinrich. Display device. Issued 10-22-29. (28)
- 1,733,023; Kremenezky Johann. Adjustable high ohmic resistance and method of manufacturing same. Issued 10-22-29. (6)
- 1,733,032; All. Automobilwerke H. Bissing A G. Driving mechanism for motor vehicles. Issued 10-22-29. (28)
- 1,733,078; Takahashi Tatsumi. Apparatus for measuring the period of reciprocating bodies. Issued 10-22-29. (39)
- 1,733,152; Frischer Hermann. Method of producing pure acids. Issued 10-29-29. (28)
- 1,733,162; All. Schuler L A G. Eccentric press. Issued 10-29-29. (28)
- 1,733,171; All. I G Farbenindustrie A G. Process for refining raw carbon disulphide. Issued 10-29-29. (28)
- 1,733,231; All. Safat S A Fabrica Armi Torino. Automatic firearm with recoiling barrel and without movable breech. Issued 10-29-29. (38)
- 1,733,234; Nistri Umberto. Film photographic camera. Issued 10-29-29. (38)
- 1,733,242; Mazza Silvio; Mazza Mario; Bolledi Luigi; Semenza Marco et al. System of electric plowing by direct traction. Issued 10-29-29. (38)
- 1,733,260; Hermann Otto. Method of manufacturing forks with two and more prongs. Issued 10-29-29. (28)
- 1,733,272; All. I G Farbenindustrie A G. Process of separating solid salts of ammonium and of the alkalies or alkali earths. Issued 10-29-29. (28)
- 1,733,292; Breisig Albert. Apparatus for vaporizing liquids by means of accumulated heat. Issued 10-29-29. (6)
- 1,733,379; Lowy Ludwig. Roller conveyer. Issued 10-29-29. (28)
- 1,733,407; All. Exploration Bodenuntersuchungs. Torsion balance for measuring differences of gravity. Issued 10-29-29. (28)
- 1,733,417; Loesche Ernst Curt. Pulverizing mill. Issued 10-29-29. (28)
- 1,733,440; Zeitschel Franz Otto. Method of isolating alcohols or phenols from mixtures. Issued 10-29-29. (28)
- 1,733,454; Esau Abraham. Short wave oscillator. Issued 10-29-29. (28)
- 1,733,468; All. I G Farbenindustrie A G. Process of producing derivatives of 2 hydroxynaphthalene 3 carboxylic acid amide. Issued 10-29-29. (28)
- 1,733,476; Vogelbusch Wilhelm. Evaporation distillation or the like apparatus. Issued 10-29-29. (28)
- 1,733,695; Rath Curt. Process for the preparation of aldehydrazino beta nitro pyridine. Issued 10-29-29. (28)
- 1,733,711; Zwicker Christian. Variable condenser. Issued 10-29-29. (28)
- 1,733,714; All. Magnet Werk GmbH Eisenack. Safety device for lifting electro magnets. Issued 10-29-29. (28)
- 1,733,850; Zimmermann Hans. Movable weir with hinged top flap or head. Issued 10-29-29. (28)
- 1,733,836; Korn Willi. Device for coding and decoding. Issued 10-29-29. (28)
- 1,733,892; Lurf Karl. Clamping means for wheel lathes. Issued 10-29-29. (28)
- 1,734,051; All. Rheinische Metallwaren und. Guard for toothed sector gears. Issued 11-5-29. (28)
- 1,734,084; 64532 3193. Device for investigating and ascertaining the digestive action of the stomach and the changes of its contents. Issued 11-5-29. (28)
- 1,734,156; Clemens Otto. Curb without mouthpiece. Issued 11-5-29. (28)
- 1,734,264; Marby Friedrich. Apparatus for animated advertisements. Issued 11-5-29. (28)
- 1,734,316; Wetzler Hans. Casting machine. Issued 11-5-29. (28)
- 1,734,533; All. Ramesohl & Schmidt A G. Centrifugal dome with condensing arrangement. Issued 11-5-29. (28)
- 1,734,552; All. Salz Erzrohung GmbH. Mechanical roasting furnace. Issued 11-5-29. (28)
- 1,734,559; Casale Luigi Dec. Process for the preparation of mixtures of carbon monoxide and hydrogen from hydrocarbons. Issued 11-5-29. (38)
- 1,734,693; All. Pollok Fritz. Process for the manufacture of film forming solutions. Issued 11-5-29. (6)
- 1,734,793; Bruninghaus Alfred. Bearing adjusting means for roller mills. Issued 11-5-29. (28)
- 1,734,801; Freise Heinrich. Aeroplane wing. Issued 11-5-29. (28)
- 1,734,826; Pick Israel. Manufacture of partition and like building blocks. Issued 11-5-29. (28)
- 1,734,863; Kraft Stephan. Portfolio. Issued 11-5-29. (6)
- 1,734,865; Kruckenberg Franz. Stedefeld Curt et al. Rail bearer structure for high speed suspended railways. Issued 11-5-29. (28)
- 1,734,881; Ringelhan Gustav. Stamping tool for keys. Issued 11-5-29. (28)
- 1,734,957; Carl Albert. Kitchen range with grid iron for children. Issued 11-12-29. (28)
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- 1,735,064; Stehle Robert. Gramophone drive. Issued 11-12-29. (28)
- 1,735,099; Witte Martin. Device for extinguishing the flame of blasting charges. Issued 11-12-29. (28)
- 1,735,100; All. Vogtlandische Maschinenfabrik. Web registering means. Issued 11-12-29. (28)
- 1,735,145; Taubert Ernst. Apparatus for playing chords on stringed instruments. Issued 11-12-29. (28)
- 1,735,204; Krantz Hubert J M C. Control mechanism for centrifugal machines. Issued 11-12-29. (28)
- 1,735,231; All. Deckel Fabrik Fur Prazisionsmec. Screw slotting mechanism. Issued 11-12-29. (28)
- 1,735,276; Henk Wilhelm. Projector table. Issued 11-12-29. (6)
- 1,735,286; All. Zaidan Hojin Rikagaku Kenkyujo. Process of coating metallic aluminum or aluminum alloys with aluminum oxide skin. Issued 11-12-29. (39)
- 1,735,292; Moratz Ernst. Drawing board. Issued 11-12-29. (28)
- 1,735,294; Okabe Kinjiro. Vacuum tube. Issued 11-12-29. (39)
- 1,735,409; All. I G Farbenindustrie A G. Production of carbon disulphide from acetic acid. Issued 11-12-29. (28)
- 1,735,552; Strauss Siegfried et al. Gerschutz Severih. Hammock litter. Issued 11-12-29. (28)
- 1,735,726; Bornhardt Fritz. Device for stereoscopic Rontgenray fluoroscopy. Issued 11-12-29. (28)
- 1,735,776; Melaun Oscar. Method of producing clamping plates. Issued 11-12-29. (28)
- 1,735,814; All. Touodashiki Shokki Kabushiki Kaisha. Automatic stopping system of power loops. Issued 11-12-29. (39)
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- 1,735,976; Riemann Otto. Process for the production of starch from sweet potatoes. Issued 11-19-29. (28)



- 1,735,977; Rohm Otto. Treatment of hides. Issued 11-19-29. (28)
- 1,735,981; Schnell Karl. Plug in coupling for electric conductors. Issued 11-19-29. (28)
- 1,736,053; Rohn Wilhelm. Nickel chromium iron alloy and therefrom. Issued 11-19-29. (28)
- 1,736,091; Rademacher Erich. Device for the production of smoke and the like. Issued 11-19-29. (28)
- 1,736,093; Schlosser Gustav. Method of and device for conveying building materials. Issued 11-19-29. (28)
- 1,736,096; All. Brysilka Ltd. Method of and means for washing and conditioning artificial silk wound on bobbins or the like. Issued 11-19-29. (28)
- 1,736,112; Denzer Ludwig. Paper holder for typewriters. Issued 11-19-29. (28)
- 1,736,262; Hanel Paul. Hydraulic pot press. Issued 11-19-29. (28)
- 1,736,301; Wustenhofer Julius. Miners stay. Issued 11-19-29. (28)
- 1,736,315; Kloess Hans Karl. Ship building. Issued 11-19-29. (28)
- 1,736,341; Eiser Fritz. Mattress for baby carriages and cribs. Issued 11-19-29. (28)
- 1,736,349; All. Fesca C A and Sohn. Continuous centrifugal machine. Issued 11-19-29. (28)
- 1,736,359; Pferdenges Heinrich. Apparatus for moistening yarns threads and the like. Issued 11-19-29. (28)
- 1,736,360; Pizzorno Carlo. Power loom in order to obtain brocades therefrom. Issued 11-19-29. (38)
- 1,736,398; Glossl Rekte Schaffler Konrad et al. Electric incandescent igniter. Issued 11-19-29. (6)
- 1,736,431; All. Leipziger Schnellpressenfabrik A G. Means for preventing damage to the DR and printing cylinder of copper plate printing machines. Issued 11-19-29. (28)
- 1,736,448; Liebknecht Otto. Composition of matter and process for destroying noxious creatures. Issued 11-19-29. (28)
- 1,736,453; All. Union special maschinenfabrik GmbH. Hemmed seam and process of producing the same. Issued 11-19-29. (28)
- 1,736,456; Matthias Adolf. Cathode ray oscillograph. Issued 11-19-29. (28)
- 1,736,460; Pistoni Enrico et al; Pistoni Lorenzo. Coffee making apparatus. Issued 11-19-29. (38)
- 1,736,478; Bast Emil. Sanitary closet. Issued 11-19-29. (28)
- 1,736,630; Scharpenberg Ewald. Pipe clip. Issued 11-19-29. (28)
- 1,736,639; Szydowski Josef. Driving mechanism for internal combustion engines. Issued 11-19-29. (28)
- 1,736,647; Braren Lorenz Konrad. Injection of liquid fuel in internal combustion engines. Issued 11-19-29. (28)
- 1,736,655; Lombardini Luigi. Visible card file cabinet. Issued 11-19-29. (38)
- 1,736,662; Munz Friedrich. Appliance for internal combustion engines. Issued 11-19-29. (28)
- 1,736,670; Schuttler Paul. Oscillation absorber for leaf springs. Issued 11-19-29. (28)
- 1,736,694; Blau Ernst. Stop for locating work in machine tools. Issued 11-19-29. (28)
- 1,736,745; Lohmann Hugo. Electrical heating body and method of manufacturing the same. Issued 11-19-29. (28)
- 1,736,754; Kosel Heinrich; Thoma Hans et al. Pump or motor. Issued 11-19-29. (28)
- 1,736,772; All. Speidel Chain Co. Chain. Issued 11-26-29. (28)
- 1,736,802; Schultze Willi. Process of treating tallow. Issued 11-26-29. (28)
- 1,736,811; All. Lorenz C. A G. Electrical condenser. Issued 11-26-29. (28)
- 1,736,826; Horst Ludwig. Colored film. Issued 11-26-29. (28)
- 1,736,832; All. I G Farbenindustrie A G. Manufacture of articles from molten carbon. Issued 11-26-29. (28)
- 1,736,850; All. Maschinenfabrik Augsburg Nuernber 7. Roller weir. Issued 11-26-29. (28)
- 1,736,851; All. Maschinenfabrik Augsburg Nuernber 7. Roller weir with extension gate. Issued 11-26-29. (28)
- 1,736,896; Yamanouchi Genkichi. Navigating machine. Issued 11-26-29. (39)
- 1,736,922; Kohlen Josef. Flushing device for rock drills. Issued 11-26-29. (28)
- 1,736,939; Probst Emil et al; Tolke, Friedrich. Open structure dam. Issued 11-26-29. (28)
- 1,736,950; Wangemann Paul. Means for fastening postage stamps in albums. Issued 11-26-29. (28)
- 1,736,961; Van Alvensleben Frieda. Handle supporting closure band for vessels. Issued 11-26-29. (28)
- 1,736,969; Greiser Erich. Atomizing device for pulverizing material. Issued 11-26-29. (28)
- 1,736,975; Krantz Hubert J M C. Safety device for centrifugal machine 2. Issued 11-26-29. (28)
- 1,737,011; Helfenstein Alois. Means for driving power operated vehicles particularly aircraft. Issued 11-26-29. (6)
- 1,737,075; Brandt Otto Fritz Karl. Plant for economically using caloric energy. Issued 11-26-29. (28)
- 1,737,083; Haager Hans. Refrigerating or cooling apparatus. Issued 11-26-29. (6)
- 1,737,104; Bergmann Max et al; Immendorfer Eugen; Loewe Hermann. Process for the treatment of animal and vegetable fibers. Issued 11-26-29. (28)
- 1,737,162; Kappler Paul. Paper guiding arrangement for typewriter and like machines. Issued 11-26-29. (28)
- 1,737,189; Haber Eugen. Heat exchanger. Issued 11-26-29. (28)
- 1,737,197; Oberlander Hermann. Knitting machine. Issued 11-26-29. (28)
- 1,737,201; Reimer Annemarie. Breeding mark for small animals. Issued 11-26-29. (28)
- 1,737,204; Spiess Georg. Mechanism for imparting intermittent motion to bands or webs. Issued 11-26-29. (28)
- 1,737,207; All. Taco Kraft Fahrzeug. Vehicle spring protection. Issued 11-26-29. (28)
- 1,737,208; Tessky Karl. Blank transferring device for machine tools. Issued 11-26-29. (28)
- 1,737,297; Buchner Max. Process of production of alkali carbonates and ammonia by saponification of calcium cyanide. Issued 11-26-29. (28)
- 1,737,301; Elrich Ludwig et al; Elrich Joseph. Closing means for discharge orifices. Issued 11-26-29. (28)
- 1,737,321; Minck Paul. Elastic coupling. Issued 11-26-29. (28)
- 1,737,328; Parisi Francesco. Spring suspension for vehicle bodies. Issued 11-26-29. (38)
- 1,737,346; Wilckens Ernst. Sound transmitting apparatus. Issued 11-26-29. (28)
- 1,737,463; Levi Isaia. Fountain pen. Issued 11-26-29. (38)
- 1,737,484; Walther Heinrich. Machine for manufacturing boots and shoes. Issued 11-26-29. (28)
- 1,737,486; All. Winter and Sohn Ernst. Apparatus for manufacturing rigid grinding bodies of emery carborundum or the like. Issued 11-26-29. (28)
- 1,737,495; Feldman Adalbert Bela. Stone drill. Issued 11-26-29. (28)
- 1,737,496; Feroldi Enrico. Carburetor. Issued 11-26-29. (38)
- 1,737,575; All. Drager Heinrich Otto. Apparatus for administering gas. Issued 12-3-29. (28)
- 1,737,602; All. Maschinenfabrik Augsburg. Fuel pump. Issued 12-3-29. (28)
- 1,737,605; Mauser Rudolf. Bung for iron transport casks. Issued 12-3-29. (28)
- 1,737,650; All. Soc Italiana Pirelli. Process for jointing splicing and impregnating electric cables. Issued 12-3-29. (38)
- 1,737,653; All. Motorenfabrik Deutz A G. Injecting nozzle for viscous fuels in Diesel engines. Issued 12-3-29. (28)
- 1,737,657; Hoffmann Max Fritz Gustav. Indicator. Issued 12-3-29. (28)
- 1,737,659; Beer Fritz; Jellinek Paul et al. Apparatus for calculating and measuring purposes. Issued 12-3-29. (6)
- 1,737,666; Milkutat Ernst. Auditorium. Issued 12-3-29. (28)
- 1,737,681; All. Chemisch Technische GmbH. Retort for carbonizing bituminous fuels. Issued 12-3-29. (28)
- 1,737,744; Wicklein Gottfried. Display container. Issued 12-3-29. (28)
- 1,737,760; All. I. G. Farbenindustrie A G. Reduction of the swelling capacity of hydrated cellulose and the resulting product. Issued 12-3-29. (28)
- 1,737,772; Schieferstein Georg Heinrich. Oscillating system. Issued 12-3-29. (28)
- 1,737,792; All. I. G. Farbenindustrie A G. Manufacture of alkylated aromatic sulphonic acids. Issued 12-3-29. (28)
- 1,737,798; Kinzinger Adolf. Pencil holder for leads of different thickness or color. Issued 12-3-29. (28)
- 1,737,886; Kloess Hans Karl. Hull construction. Issued 12-3-29. (28)
- 1,737,910; Blank Wilhelm. Musical instrument. Issued 12-3-29. (28)
- 1,738,070; All. Allgemein Chemische. Apparatus for continuously expelling the sulphur dioxide from mixtures of sulphur dioxide and oil. Issued 12-3-29. (28)
- 1,738,343; All. Bensa Felice. Process for manufacturing chloroperylene quinones. Issued 12-3-29. (38)
- 1,738,373; Komusin Helen. Rolling stamp with counting mechanism for printing purposes of any kind. Issued 12-3-29. (28)
- 1,738,456; Smits Wytze Beije. Resistance element. Issued 12-3-29. (28)
- 1,738,568; Focke Henrich. Aeroplane of duck type construction. Issued 12-10-29. (28)
- 1,738,586; All. Gebrüder Brehmer Maschinenfabrik. Signature gathering and stitching machine. Issued 12-10-29. (28)
- 1,738,590; Langenkamp Paul. Stable pulverized hair dye. Issued 12-10-29. (28)
- 1,738,593; Lutzenkirchen Fritz. Process of and apparatus for producing pressed railway car axles AEU similar forgings. Issued 12-10-29. (28)
- 1,738,602; Mocigemba Emanuel. Gear pump or engine. Issued 12-10-29. (28)
- 1,738,604; Muller Heinrich. Toy. Issued 12-10-29. (28)
- 1,738,615; All. Universelle Cigarettenmaschinen. Transferring means for cigarette counter rolling machines. Issued 12-10-29. (28)
- 1,738,625; All. I G Farbenindustrie A G. Concentration and distillation of solutions of hydrogen peroxide. Issued 12-10-29. (28)
- 1,738,811; Wilsing Paul. Brake gear for electric winches. Issued 12-10-29. (28)
- 1,738,835; Lessing Hans. Fountain pen. Issued 12-10-29. (28)
- 1,738,841; All. Krah Adolf. Ingot heating furnace. Issued 12-10-29. (28)
- 1,738,950; All. Rheinische Metall Warren und. Issued 12-10-29. (28)
- 1,738,851; Tauscher Fritz. Jack sinker of special shape for knitting frames. Escape-ment mechanism for typewriters. Issued 12-10-29. (28)
- 1,738,965; Reina Gian Battista. Variable speed transmission. Issued 12-10-29. (38)
- 1,738,966; All. Maschinenfabrik Kiessling A. G. Machine for scoring wooden boards. Issued 12-10-29. (28)

- 1,738,998; Inouye Jinkichi. Process of manufacturing acid proof and waterproof black ink. Issued 12-10-29. (39)
- 1,739,084; Muller Friedrich. Arrangement for facilitating the starting of internal combustion engines. Issued 12-10-29. (6)
- 1,739,129; Doblhoff Walter. Motor vehicle transmission mechanism. Issued 12-10-29. (6)
- 1,739,167; Muller Paul. Razor stropping means. Issued 12-10-29. (28)
- 1,739,183; Schubert Paul. Truck for removing house refuse. Issued 12-10-29. (28)
- 1,739,200; Zsigmondy Adalbert. Stamping device especially for stamping pieces out of plates of artificial horn. Issued 12-10-29. (28)
- 1,739,246; Majce Johann. Method of manufacturing wire coils. Issued 12-10-29. (6)
- 1,739,267; Sporer Friedrich. Apparatus for collecting bronze dust from stamping mills. Issued 12-10-29. (28)
- 1,739,268; All. Voith J M. Device for copying on machine tools. Issued 12-10-29. (28)
- 1,739,299; All. Lorenz C A G. High frequency oscillator. Issued 12-10-29. (28)
- 1,739,402; Lombardi Lamberto. Flying machine. Issued 12-10-29. (38)
- 1,739,455; Habaan Wilhelm Eduard Erich. Method for transmitting the speech by high frequency waves. Issued 12-10-29. (28)
- 1,739,524; Schwarz Philipp. Stamping process for making sheet metal articles. Issued 12-17-29. (28)
- 1,739,562; Somajni Giacomo. Direct current system. Issued 12-17-29. (38)
- 1,739,569; Behn Karl. Musical toy. Issued 12-17-29. (28)
- 1,739,586; All. Kali Chemie A G. Disinfectant antiseptic and healing medium. Issued 12-17-29. (28)
- 1,739,614; All. Bing Werke Vorm Gebr Bing A G. Running toy figure. Issued 12-17-29. (28)
- 1,739,625; Wolters Edgar. Therapeutical device. Issued 12-17-29. (28)
- 1,739,662; Boedecker Friedrich. Barbituric acid derivative. Issued 12-17-29. (28)
- 1,739,737; Schlemper Carl. Pile cutter for looms. Issued 12-17-29. (28)
- 1,739,745; Wikschrom Jakob. Machine for the manufacture of nails from wire. Issued 12-17-29. (28)
- 1,739,800; Patten Julius et al.; Bangert Willi. Headlight. Issued 12-17-29. (28)
- 1,739,839; Jung Peter. Process of agglomerating ore mineral or other matter and the product produced thereby. Issued 12-17-29. (28)
- 1,739,860; Rinkel Paul. Folding frame aerial. Issued 12-17-29. (28)
- 1,739,863; All. I G Farbenindustrie A G. Production of esters of saccharides or higher unsaturated fatty acids. Issued 12-17-29. (28)
- 1,739,866; Schuh Franz. Wind and water wheel. Issued 12-17-29. (6)
- 1,739,884; Wiswedel Friedrich. Ships propeller. Issued 12-17-29. (28)
- 1,739,921; All. Rheinische Metallwaaren und. Operating electric projectile fuses. Issued 12-17-29. (28)
- 1,739,985; Rasmussen Carl Knud. Spring mattress. Issued 12-17-29. (28)
- 1,739,992; Schwarz Anton. Process of working up mixed shavings of white metal and red metal. Issued 12-17-29. (28)
- 1,739,993; All. Haubold C G Ag. Mechanism for guiding traveling webs. Issued 12-17-29. (28)
- 1,740,009; Diener Oskar. Manufacture of tools of tungsten. Issued 12-17-29. (28)
- 1,740,021; Junkers Hugo. Assembling and repairing flying machines. Issued 12-17-29. (28)
- 1,740,022; Kamei Torao et al; Kuwata Fukutaro. Terrestrial globe. Issued 12-17-29. (39)
- 1,740,027; Libani Romolo. Brake device for lifeboats. Issued 12-17-29. (38)
- 1,740,165; All. Siemens & Halske A G. Method for removing chlorine ions from electrolytic solutions. Issued 12-17-29. (28)
- 1,740,226; Weingand Richard; Czapek Emil et al. Manufacture of sheetlike articles and the like from cellulose. Issued 12-17-29. (28)
- 1,740,227; Weingand Richard; Czapek Emil et al. Cellulose precipitating agent. Issued 12-17-29. (28)
- 1,740,239; All. Schmidt Sche Heissdampf GmbH. Cylindrical marine boiler with superheater. Issued 12-17-29. (28)
- 1,740,254; Luffler Stephan. Method and apparatus for generating steam especially high pressure steam. Issued 12-17-29. (28)
- 1,740,306; All. Martini & Huneke Maschinenbau A G. Apparatus for storing and dispensing liquid fuels. Issued 12-17-29. (28)
- 1,740,322; Vogel Max. Stapling device. Issued 12-17-29. (28)
- 1,740,351; All. Zaidan Hojin Rikagaku Kenkyujo. Dehydrating substance. Issued 12-17-29. (39)
- 1,740,361; L Orange Prosper. Spray controlling device for road scavenging machines. Issued 12-17-29. (28)
- 1,740,399; Grunberg Josef. Press for the production of artistic prints and impressions. Issued 12-17-29. (28)
- 1,740,439; Setzer Rudolf. Appliance for opening fiber bundles. Issued 12-17-29. (28)
- 1,740,443; All. Siemens Schuckertwerke GmbH. Method of and apparatus for melting or fusing glass quartz or ceramic materials into metal caps and similar metal articles. Issued 12-24-29. (28)
- 1,740,476; Ovtshinnikoff Alexander. Multiple card match package. Issued 12-24-29. (28)
- 1,740,484; Von Behr Fritz. Impregnating process for dyeing or preserving wood. Issued 12-24-29. (28)
- 1,740,502; All. Fruh. Spool for looms and other textile machines. Issued 12-24-29. (28)
- 1,740,543; Alkali Chemie A G. Disinfectant antiseptic and medicament. Issued 12-24-29. (28)
- 1,740,700; Nickel Albert Paul Hans Gerd et al; Spanner Johannes Joachim. Electrical vacuum discharge device. Issued 12-24-29. (28)
- 1,740,756; All. Deutsche Schiff und Maschinenbau A G. Power transmission gear. Issued 12-24-29. (28)
- 1,740,776; Mural Teizo et al; Sata Heiichiro; Saeki Isao. Electric singeing machine. Issued 12-24-29. (39)
- 1,740,797; Thormann Wilhelm. Articulated tank locomotive. Issued 12-24-29. (28)
- 1,740,824; Vonlinprun Inka. Violin support. Issued 12-24-29. (28)
- 1,740,839; Ruess Ernst. Carrying body for rigid airships. Issued 12-24-29. (28)
- 1,740,852; Frischmuth Ernst. Nut locking washer. Issued 12-24-29. (28)
- 1,740,853; Guhl Martin. Needle guard for sewing machines. Issued 12-24-29. (28)
- 1,740,907; All. Rheinische Metallwaaren und. Carriage for light ordnance. Issued 12-24-29. (28)
- 1,740,926; All. Triumph Werke Nurnberg A G. Decimal tabulator for typewriters. Issued 12-24-29. (28)
- 1,740,927; Landini Adelimp. Elastic globe map of the world. Issued 12-24-29. (38)
- 1,740,928; Langguth Paul. Combination structural plate. Issued 12-24-29. (28)
- 1,741,082; Thiel Heinrich. Automatic feed for sawing machines or the like. Issued 12-24-29. (28)
- 1,741,291; All. Patent Treuhand Ges Fuer Elektrische. Current rectifier. Issued 12-31-29. (28)
- 1,741,374; Mortz Wilhelm Louis. Loading plant. Issued 12-31-29. (28)
- 1,741,378; All. Schmidt Sche Heissdampf GmbH. Process and apparatus for obtaining power and heat from steam. Issued 12-31-29. (28)
- 1,741,437; Ruggerberg Paul. Method of welding rails. Issued 12-31-29. (28)
- 1,741,472; All. I G Farbenindustrie A G. Manufacture of ethylated naphthalenes. Issued 12-31-29. (28)
- 1,741,473; All. I G Farbenindustrie A G. Manufacture of condensation products. Issued 12-31-29. (28)
- 1,741,520; Jagenberg Emil. Roll cutting and winding machine. Issued 12-31-29. (28)
- 1,741,524; Kreher Max. Power transmission mechanism. Issued 12-31-29. (28)
- 1,741,525; Kreissig Ernst. Spring counterbalancing means. Issued 12-31-29. (28)
- 1,741,575; Leiter Friedrich Ferdinand. Endoscope. Issued 12-31-29. (6)
- 1,741,597; Achilles Friederich. Card clothing. Issued 12-31-29. (28)
- 1,741,654; All. Kipping Thilo. Trailer coupling for tractor vehicles. Issued 12-31-29. (28)
- 1,741,722; Kremmling Otto. Method of and apparatus for mechanically treating objects. Issued 12-31-29. (28)
- 1,741,786; All. Chemische Fabrik Grunau. Landshoff Process of preparing medicines. Issued 12-31-29. (28)
- 1,741,834; Fischer Franz. Process for purifying gases from organically combined sulphur. Issued 12-31-29. (28)
- 1,741,842; Holtschmitz Friedrich. Moving staircase. Issued 12-31-29. (28)
- 1,741,851; Lehr Arthur. Marine life saving apparatus. Issued 12-31-29. (28)
- 1,741,884; Schmidt Emil. Machine for the mechanical production of paper cups pressed in folds. Issued 12-31-29. (28)
- 1,741,906; All. I G Farbenindustrie A G. Process for liquefying oxides of nitrogen. Issued 12-31-29. (28)
- 1,741,912; Bicheroux Max. Manufacture of window glass. Issued 12-31-29. (28)
- 1,741,982; Ehmman Leo. Water replenisher and level maintainer. Issued 12-31-29. (6)
- 1,742,029; Fallot Alfred, Dec. Means for raising changing and driving the paper web rolls in printing machines and more particularly in rotary printing machines. Issued 12-31-29. (28)
- 1,742,067; Gompf Gustav Rudolf. Manifold sales book. Issued 12-31-29. (28)
- 1,742,071; Hasse Maz. Light advertising plant. Issued 12-31-29. (28)
- 1,742,085; Kuchenmeister Heinrich. Talking machine. Issued 12-31-29. (28)
- 1,742,087; Lombardini Luigi. Visible card index file. Issued 12-31-29. (38)
- 1,742,111; Weishan Bernhard. Process for the production of soft iron. Issued 12-31-29. (28)
- 1,742,156; Brandau Georg. Mudguard for vehicles. Issued 12-31-29. (28)
- 1,742,192; Bayer Konrad. Brush body of metal. Issued 1-7-30. (28)
- 1,742,258; Kahl Leopold. Discontinuous distillation of tars. Issued 1-7-30. (28)
- 1,742,331; Voigt Eduard Max. Collecting cup. Issued 1-7-30. (28)
- 1,742,366; All. Yashima Yuka. Hydraulic accommodation fan. Issued 1-7-30. (39)
- 1,742,369; Tolke Friedrich; Probst Emil et al. Dam. Issued 1-7-30. (28)
- 1,742,399; All. Teufel Wilhelm Julius. Suspensory bandage. Issued 1-7-30. (28)
- 1,742,406; Mascarini Giovanni. Automatic control for electric steam boilers. Issued 1-7-30. (38)
- 1,742,411; All. Schumachersche Fabrik GmbH. Porous molded body to be used in diffusion filtration etc. and process for making the same. Issued 1-7-30. (28)
- 1,742,417; Schrobdsdorff Walter. Production of metal alloy and of articles made thereof. Issued 1-7-30. (28)



- 1,742,423; Stern Ottokar. Method of laying foundations of structures buildings and the like. Issued 1-7-30. (6)
- 1,742,625; All. Studiengesellschaft Fuer. Process of uniting by sealing the insulating parts of high tension insulators. Issued 1-7-30. (28)
- 1,742,658; Loening Erich. Process for producing rotogravure mounting forms. Issued 1-7-30. (28)
- 1,742,733; Stoecker Julius. Device for retaining the flue dust in blast furnaces. Issued 1-7-30. (28)
- 1,742,774; Mairich Arthur. Dough dividing machine. Issued 1-7-30. (28)
- 1,742,866; Kurata Taizo. Process of making footwear. Issued 1-7-30. (39)
- 1,742,953; Bretschneider Max; Gahlert Franz Josef et al. Automatic single needle embroidering machine. Issued 1-7-30. (28)
- 1,742,975; All. Maschinenfabrik Esslingen. Process and apparatus for melding solid carbon dioxide. Issued 1-7-30. (28)
- 1,743,002; Pehler Karl. Apparatus for making concrete. Issued 1-7-30. (28)
- 1,743,030; Fejes Jenö. Valve actuating mechanism housing. Issued 1-7-30. (34)
- 1,743,031; Fejes Jenö. Manufacture of internal combustion engines. Issued 1-7-30. (34)
- 1,743,050; Straus Eduard Wilhelm. Air filter. Issued 1-7-30. (28)
- 1,743,054; Ullmann Gustav. Process for rendering harmless substances which cause hardness in soaping and washing operations and for the production of means suitable therefor. Issued 1-7-30. (6)
- 1,743,160; All. Suddeutsche Telefonapparate Kabel. Method of manufacturing alternating current rectifiers. Issued 1-14-30. (28)
- 1,743,223; Lowy Ludwig. Roller conveyer. Issued 1-14-30. (28)
- 1,743,257; All. Maschinenfabrik Augsburg Nuernberg. Tripping arrangement for rotary intaglio printing machines. Issued 1-14-30. (28)
- 1,743,268; All. CEAT Conduttori Elettrici Ed. Single electric cable. Issued 1-14-30. (38)
- 1,743,299; All. Lehmann Franz B. Cutting machine. Issued 1-14-30. (28)
- 1,743,347; Hilscher Curt. Process of producing stockings on flag knitting frames. Issued 1-14-30. (28)
- 1,743,357; Kita Hozumi. Door controlling switch lock apparatus. Issued 1-14-30. (39)
- 1,743,361; Levy Gustav. Picture frame. Issued 1-14-30. (28)
- 1,743,367; All. Maybach Motorenbau GmbH. Device for actuating the brakes of motor vehicles. Issued 1-14-30. (28)
- 1,743,368; All. Maybach Motorenbau GmbH. Carburetor. Issued 1-14-30. (28)
- 1,743,380; Nolze Heinrich F J. Disintegrator for cleaning gases and the like. Issued 1-14-30. (28)
- 1,743,451; All. Schmidtsche Heissdampf GmbH. High pressure steam boiler plant with generation of steam by indirect heating. Issued 1-14-30. (28)
- 1,743,469; May Joseph. Apparatus for observing the sole surface of a foot. Issued 1-14-30. (28)
- 1,743,507; Wersbe Fritz. Smokers ash receptacle. Issued 1-14-30. (28)
- 1,743,510; Zickmantel Carl. Eye protector. Issued 1-14-30. (28)
- 1,743,542; All. Grundmann & Kuhn. Lift truck. Issued 1-14-30. (28)
- 1,743,544; Helberg Oscar. Method of manufacturing tin closures. Issued 1-14-30. (28)
- 1,743,549; All. Lanz Heinrich A G. Motor vehicle. Issued 1-14-30. (28)
- 1,743,550; Imhoff Karl. Aeration tank with submerged contact aerators. Issued 1-14-30. (28)
- 1,743,564; All. Kayser J G A G. Ejecting implement for cold pressed headed bolts. Issued 1-14-30. (28)
- 1,743,601; Gross Willy. Spinning machine. Issued 1-14-30. (28)
- 1,743,666; All. Hesser F R Maschinenfabrik A G. Machine for wrapping loaves of bread. Issued 1-14-30. (28)
- 1,743,733; Spardel Emil. Catamenial appliance. Issued 1-14-30. (28)
- 1,743,786; Markstein Robert Peter. Fountain pen. Issued 1-14-30. (6)
- 1,743,790; Meyer Ulflas. Method for repairing pupinized submarine cables. Issued 1-14-30. (28)
- 1,743,920; All. Eisenwerk und Maschinenbau A G. Inking mechanism of platen printing presses. Issued 1-14-30. (28)
- 1,743,951; Avorio Luigi. Parachute. Issued 1-14-30. (38)
- 1,744,065; Bauer Bruno. Reinforced concrete column. Issued 1-21-30. (6)
- 1,744,080; Prosdocimi Andrea. Supporting plane for aircraft comprising movable elements controlled by motors. Issued 1-21-30. (38)
- 1,744,088; Weber Richard. Basket with handles. Issued 1-21-30. (28)
- 1,744,099; Bode Adele. Vacuum cleaner. Issued 1-21-30. (28)
- 1,744,121; Kaisler Paul. Safety nut lock. Issued 1-21-30. (28)
- 1,744,138; Oertz Max. Arrangement of cut-water rudders for ships. Issued 1-21-30. (38)
- 1,744,173; Longhi Carlo. Process for treating organic substances in liquid state electrochemically. Issued 1-21-30. (38)
- 1,744,233; Locori Pietro. Projectile for anti-aircraft fire. Issued 1-21-30. (38)
- 1,744,347; Von Dryha Alexander. Coding machine. Issued 1-21-30. (28)
- 1,744,371; All. Benckiser Chemische Fabrik JOH A. Method of separating alkali earth metal phosphates from primary alkali phosphate solutions. Issued 1-21-30. (28)
- 1,744,373; Erich Walther. Box for filing index cards. Issued 1-21-30. (28)
- 1,744,398; Luhmann Karl. Method of drying ceramic articles of any kind in drying chambers and apparatus for carrying out the method. Issued 1-21-30. (28)
- 1,744,455; All. Maschinenfabrik Augsburg. Regulating device for gates of weirs. Issued 1-21-30. (28)
- 1,744,530; De Tovaros Julius Fischer. Sliding current collector for overhead wires of electric railways. Issued 1-21-30. (34)
- 1,744,560; All. Hinz Fabrik GmbH. Fastening device for flat articles. Issued 1-21-30. (28)
- 1,744,580; Schiske Hubert. Carburetor. Issued 1-21-30. (28)
- 1,744,593; All. Siemens & Halske AKG. Measured service telephone system. Issued 1-21-30. (28)
- 1,744,602; Yoshioka Eizo. Buoyant and oil proof India rubber. Issued 1-21-30. (39)
- 1,744,622; De Tovaros Julius Fischer. Current collector for electric vehicles. Issued 1-21-30. (34)
- 1,744,623; De Tovaros Julius Fischer. Current collector. Issued 1-21-30. (34)
- 1,744,642; Kondo Kenyu. Manufacture of reproduced diffraction gratings. Issued 1-21-30. (39)
- 1,744,669; Ottmann Erich. Table utensil clamp. Issued 1-21-30. (28)
- 1,744,691; Uibing Alois. Focusing device for cameras. Issued 1-21-30. (6)
- 1,744,713; All. Soc Italiana Ernesto Breda. Bomb. Issued 1-21-30. (38)
- 1,744,726; Baader Rudolph. Apparatus for splitting open cleaning and removing the gills from herrings. Issued 1-28-30. (28)
- 1,744,731; All. Deutsche Maschinenfabrik A G. Pilgering mill. Issued 1-28-30. (28)
- 1,744,740; Bohm Vikton. Dyeing apparatus. Issued 1-28-30. (6)
- 1,744,741; Bohm Vikton. Dyeing apparatus. Issued 1-28-30. (6)
- 1,744,750; All. Soc Brevetti Cicali anonima. Calorimetric bomb for the Catalysis of ammonia. Issued 1-28-30. (38)
- 1,744,791; All. Friedmann Alex Firm Pump. Issued 1-28-30. (6)
- 1,744,803; Roth Otto. Razor blade. Issued 1-28-30. (28)
- 1,744,884; Greiner Carl Dec. Method and machine for the production of solid glue and gelatin in drop or lens shape. Issued 1-28-30. (28)
- 1,745,014. Isono Gunji. Track bumper. Issued 1-28-30. (39)
- 1,745,023. Lukaszcyk Jacob. Hardening of the heads of railway rails. Issued 1-28-30. (28)
- 1,745,030; Schulte Karl. Roller conveyer. Issued 1-28-30. (28)
- 1,745,188; Pipirs Gerhard Johannes Wilhelm. Drawing instrument. Issued 1-28-30. (28)
- 1,745,247; Weingand Richard; Czapek Emil et al. Manufacture foils films ribbons and the like from viscose and similar cellulose solutions. Issued 1-28-30. (28)
- 1,745,262; Lombardini Luigi. Visible card index. Issued 1-28-30. (38)
- 1,745,266; Meyer Robert. Throttling governor for rotary engine. Issued 1-28-30. (28)
- 1,745,324; Grossmann Alexander; Grossmann Hermann et al. Machine for spirally sewing the initial parts of hats or other articles from strips of material and for finishing such articles. Issued 1-28-30. (28)
- 1,745,334; Bammann Heinrich. Rack for warp beams and the like. Issued 1-28-30. (28)
- 1,745,350; Frank Albert Rudolph; Caro Nikodem et al; Frank Hans Heinrich; Heimann Hugo. Preparation of cyanamides of the alkaline earth metals and magnesium. Issued 2-4-30. (28)
- 1,745,358; All. Windmoller & Holscher GmbH. Method of and apparatus for detaching sheets of paper of uniform length. Issued 2-4-30. (28)
- 1,745,388; Tauschek Gustav. Feeling device for machines for interpreting perforated cards. Issued 2-4-30. (6)
- 1,745,391; Yamagishi Hatsutarō. Method for fitting fuses to fire crackers. Issued 2-4-30. (39)
- 1,745,397; Bach Hermann. Process of biological purification of waste liquors from gas works ammonia recovery plants tar factories and similar industries. Issued 2-4-30. (28)
- 1,745,402; Bulck Karl Wilhelm. Wardrobe for halls. Issued 2-4-30. (28)
- 1,745,407; Colberg Alfred. Apparatus for displaying lighted advertisements. Issued 2-4-30. (28)
- 1,745,413; Forster Paolo. Electromagnetic clutch. Issued 2-4-30. (38)
- 1,745,417; Subal Hugo; Haakh Hermann et al. Process of treating felts made from animal hairs. Issued 2-4-30. (28)
- 1,745,440; All. Nollische Werke Kommandit Ges. Pulling over machine. Issued 2-4-30. (28)
- 1,745,450; Pouplier Carl Caspar. Leaf spring. Issued 2-4-30. (28)
- 1,745,559; Schrack Eduard et al; Ettenreich Robert. Electron discharge tube generator. Issued 2-4-30. (6)
- 1,745,578; Kreissig Ernst. Balancing Device. Issued 2-4-30. (28)
- 1,745,657; Beckmann Hermann. Rubber substance and process of making same. Issued 2-4-30. (28)
- 1,745,734; All. Rhenania Verein in Chemischer. Method for making solutions of salts of alkali metal and aluminum. Issued 2-4-30. (28)
- 1,745,753; Franck Hans Heinrich et al; Heimann Hugo. Process for the preparation of Metallit cyanimides or mixtures containing them. Issued 2-4-30. (28)

- 1,745,758; Gruber Hans. Fuse for mines or the like. Issued 2-4-30. (28)
- 1,745,759; Gruber Hans. Device for converting projectiles bombs or the like into mines. Issued 2-4-30. (28)
- 1,745,764; Lankes Eduard. Printing surface and process of producing the same. Issued 2-4-30. (28)
- 1,745,768; Satow Teikichi. Method of forming a rapidly vulcanizing composition. Issued 2-4-30. (39)
- 1,745,798; Jackmann Otto. Soap box. Issued 2-4-30. (28)
- 1,745,821; Von Gribojedoff Nicolai. Internal combustion engine. Issued 2-4-30. (28)
- 1,745,824; Zoller Arnold. Two stroke cycle engine. Issued 2-4-30. (28)
- 1,745,853; Krantz Hubert J M C. Oiling system for centrifugal machines. Issued 2-4-30. (28)
- 1,745,916; All. Deutsche Werft A G. Balanced rudder. Issued 2-4-30. (23)
- 1,745,930; All. Eisenwerk und Maschinenbau A G. Platen printing press. Issued 2-4-30. (28)
- 1,745,956; Schlesinger Eugen. Photographic copying apparatus. Issued 2-4-30. (28)
- 1,745,958; All. Johne Werk Grafische. Paper and cardboard cutting machine or the like. Issued 2-4-30. (28)
- 1,745,964; All. Schmidt Sche Heissdampf GmbH. Resuperheating of interstage steam. Issued 2-4-30. (28)
- 1,745,984; Demnitz Albert. Sole laying device. Issued 2-4-30. (28)
- 1,746,003; All. Hostmann Steinberg Chr. Apparatus for the production of carbon black. Issued 2-4-30. (28)
- 1,746,078; Gensecke Wilhelm. Apparatus for purifying oils and fats in vacuo by means of steam or the like. Issued 2-4-30. (28)
- 1,746,104; Christiansen Robert. Steam distribution system for wool S piston compound engines. Issued 2-4-30. (28)
- 1,746,130; Ruhling Waldemar. Device for measuring average velocity for an appreciable length of time. Issued 2-4-30. (28)
- 1,746,158; Loffler Stephan. Heating device for high pressure steam generators. Issued 2-4-30. (28)
- 1,746,170; Seck Willy (28); Ullmann Gustav et al. Process for carrying out washing operations with hard water. Issued 2-4-30. (6)
- 1,746,257; All. Universelle Cigarettenmaschinen. Means of sharpening the fly cutters of cigarette rod machines. Issued 2-11-30. (28)
- 1,746,331; Prashker Jehuda; Aftergut Max et al. Mechanical telautograph. Issued 2-11-30. (28)
- 1,746,333; All. Siemens Schuckertwerke GmbH. Means for feeding alternating current networks by asynchronous generators. Issued 2-11-30. (28)
- 1,746,344; All. Luftschiffbau Zeppelin GmbH. Light weight girder. Issued 2-11-30. (28)
- 1,746,350; Hayn Georg. Control device for fuel feeding mechanisms. Issued 2-11-30. (28)
- 1,746,361; Podszus Leopold. Carburetor. Issued 2-11-30. (28)
- 1,746,364; All. Rheinische Metallwaaren und. Automatic Firearm. Issued 2-11-30. (28)
- 1,746,365; All. Magnetwerk GmbH. Electromagnetic friction coupling. Issued 2-11-30. (28)
- 1,746,395; All. Minimax A G. Apparatus for charging and cleaning boreholes by means of compressed air. Issued 2-11-30. (28)
- 1,746,414; All. Chemische Fabric Auf Actien Vorm. Combined printing tabulating machine. Issued 2-11-30. (28)
- 1,746,425; Heckert Ernest. Mine gas detector. Issued 2-11-30. (28)
- 1,746,450; Weitz Emil August. Arrangement for rinsing of body hollows. Issued 2-11-30. (28)
- 1,746,460; Cavallini Virginio. Structure of hulls for mine laying submarine boats. Issued 2-11-30. (38)
- 1,746,467; Greiner Fritz. Process for producing cast iron of any desired structure. Issued 2-11-30. (28)
- 1,746,471; All. Rheinische Metallwaaren und. Automatic Firearm. Issued 2-11-30. (28)
- 1,746,489; Messner Christian. Pocket case. Issued 2-11-30. (28)
- 1,746,502; Sumi Rikichi et al; Kishi Tahira. Bumper for motor cars. Issued 2-11-30. (39)
- 1,746,534; Kerkhoff Theodor. Form for neckties. Issued 2-11-30. (28)
- 1,746,560; Schwarz Friedrich. Internal combustion engine. Issued 2-11-30. (28)
- 1,746,593; Izawa Riichiro. Device for pointing bristles of brushes. Issued 2-11-30. (39)
- 1,746,663; All. I G Farbenindustrie A G. Process for the etherification of carbohydrates. Issued 2-11-30. (28)
- 1,746,741; Hofmann Julius Carl; Reiterer Rudolf et al. Photographic film camera. Issued 2-11-30. (6)
- 1,746,769; Ghirardi Luigi. Ships lifeboat raft & like lifesaving apparatus for use at sea. Issued 2-11-30. (38)
- 1,746,846; All. Wieland A Robert Firm. Process for the manufacture of fashioned stockings. Issued 2-11-30. (28)
- 1,747,074; Hugo Theodor. Conveying means in machines for manufacturing envelopes paper bags and the like. Issued 2-11-30. (28)
- 1,747,166; All. Fiat S A. Motor vehicle. Issued 2-18-30. (38)
- 1,747,172; All. Lanz Heinrich A G. Cooling system for horizontal motors. Issued 2-18-30. (28)
- 1,747,197; Von Girsowald Conway. Process for the production of aluminum silicca alloys free from carbide. Issued 2-18-30. (28)
- 1,747,209; All. Ilva Alti Forni Fonderie and. Continuous heating furnace. Issued 2-18-30. (38)
- 1,747,237; All. United Cigarette Machine Co A G. Device for packing cigarettes cigarillos or similar shaped articles bearing an imprint. Issued 2-18-30. (28)
- 1,747,240; Haupt Robert Arno. Perforating machine. Issued 2-18-30. (28)
- 1,747,245; Koppel Georg; Johanson Hermann et al. Rotary force feed piston pump. Issued 2-18-30. (28)
- 1,747,366; Heylandt Christian Wilhelm Paul. Method of and device for the regasification of liquefied gases. Issued 2-18-30. (28)
- 1,747,391; Sarason David. Enema. Issued 2-18-30. (28)
- 1,747,404; All. Muller Stefan. Advertising device. Issued 2-18-30. (28)
- 1,747,406; Waag Herman. Art and machine for cutting patterns into fur skins. Issued 2-18-30. (28)
- 1,747,475; Kempf Hubert. Device for manufacturing artificial silk. Issued 2-18-30. (28)
- 1,747,516; Krammer Otto. Brake for railroad vehicles. Issued 2-18-30. (28)
- 1,747,528; Paffner Emil. Arrangement for reducing the stray reactance of cascade transformers. Issued 2-18-30. (38)
- 1,747,547; Junghans Oskar. Means for automatically regulating clocks by means of electromagnetic waves. Issued 2-18-30. (28)
- 1,747,550; Klimburg Rudolf. Closing device. Issued 2-18-30. (6)
- 1,747,606; All. Siemens Schuckertwerke GmbH. Driven well tool. Issued 2-18-30. (28)
- 1,747,668; Hamel Hermann. Spindle drive for spinning machines and twisting frames. Issued 2-18-30. (28)
- 1,747,738; Serog Hugo. Plane grate furnace. Issued 2-18-30. (6)
- 1,747,764; All. Deutsche Gasgluhlicht Auer GmbH. Eye ring for gas masks. Issued 2-18-30. (28)
- 1,747,796; Schorn Hans. Incurrodible aluminum alloy. Issued 2-18-30. (28)
- 1,747,797; Scheppmann Wilhelm. Short wave tube transmitter. Issued 2-18-30. (28)
- 1,747,808; Witkowski Ladislaus. Friction press. Issued 2-18-30. (6)
- 1,747,820; Falkenthal Erwin. Spark arrester. Issued 2-18-30. (28)
- 1,747,846; All. Keramische Industrie Bedarf A G. Process and apparatus for heating coal and other like furnaces. Issued 2-18-30. (23)
- 1,747,952; Reisz Eugen. Electrostatic loud speaker. Issued 2-18-30. (28)
- 1,747,968; All. Friedrich Deckel Prazisionsmechanik. Reciprocating piston. Issued 2-18-30. (28)
- 1,748,165; Athenstedt Otto. Controlling apparatus for centrifugal machines. Issued 2-25-30. (28)
- 1,748,173; Helbig Albin Berthod. Pulverulent fuel firing system. Issued 2-25-30. (28)
- 1,748,229; Katz Ernst. Loose lead pencil holder. Issued 2-25-30. (6)
- 1,748,289; Henrich Josef. Machine for subdividing bars while being rolled. Issued 2-25-30. (28)
- 1,748,307; Peters Ernst. Means for reversing a lever upon alteration in the direction of rotation of a shaft. Issued 2-25-30. (28)
- 1,747,390, 1,748,445; Otto Fritz. Intermittent gear. Issued 2-25-30. (28)
- 1,748,437; Biersack Jcsef. Lid with shears like gripper. Issued 2-25-30. (28)
- 1,748,438; Bernstein Arnold. Apparatus for raising ships cargoes. Issued 2-25-30. (28)
- All. Fahdt Julius Machine Factory. Compound steam engine. (28)
- 1,748,453; All. Felten und Gulleaum Carlswerke. Method of repairing rupinized submarine cables. Issued 2-25-30. (28)
- 1,748,463; Richter Theodor. Frame for combined mowing and binding machines. Issued 2-25-30. (28)
- 1,748,470; All. Kaiserslautern Verbandstoff. Bandage. Issued 2-25-30. (28)
- 1,748,514; Schmidt Arno et al; Kucharzik Adolf. Relatively stationary body with a single punctiform or approximately punctiform support or a plurality of such supports in one row. Issued 2-25-30. (28)
- 1,748,522; Schlemper Carl. Pile wire and method of making the same. Issued 2-25-30. (28)
- 1,748,527; All. Inga Internationale Nahrungsmittel. Method of producing mercaptans of the furfuryl series. Issued 2-25-30. (28)
- 1,748,533; All. Bader und Verkehrs A G. Process of manufacturing durable soap creams containing highly concentrated salt solutions. Issued 2-25-30. (28)
- 1,748,551; Helle Carl. Electric pipe welding apparatus. Issued 2-25-30. (28)
- 1,748,671; Demnitz Albert. Machine for sticking the soles of shoes. Issued 2-25-30. (28)
- 1,748,677; Podszus Leopold. Carburetor. Issued 2-25-30. (28)
- 1,748,679; Roth Ernst. Disintegrating machine. Issued 2-25-30. (28)
- 1,748,680. Schrader Friedrich. Oil can with insertable nozzle. Issued 2-25-30. (28)
- 1,748,686; All. Schmidt August Heinrich. Saw sharpening machine. Issued 2-25-30. (28)
- 1,748,711; Gminder Emil. Slippage drawing roller. Issued 2-25-30. (28)
- 1,748,712; Gminder Emil. Method of and system for producing great draft in spinning. Issued 2-25-30. (28)
- 1,748,765; Hellermann Paul Friedrich. Method of binding insulated electrical conductors. Issued 2-25-30. (28)

<sup>1</sup> So in the original document.



- 1,748,868; All. Feldmuhle Papier und. Apparatus for the manufacture of films from cellulose solutions. Issued 2-25-30. (28)
- 1,748,870; Eberle Wilhelm. Machine for guiding cutting burners. Issued 2-25-30. (28)
- 1,748,881; Inaba Isamu. Switch. Issued 2-25-30. (39)
- 1,748,894; Neumann Albert. Stop cylinder printing machine with sheet delivery at the front. Issued 2-25-30. (28)
- 1,748,896; Olivetti Camillo. Margin adjusting device for writing machines. Issued 2-25-30. (38)
- 1,748,897; Oppe Alfred. Process for obtaining solid mixtures of alkali metal hypochlorite and alkali metal chloride. Issued 2-25-30. (28)
- 1,748,901; Reisz Eugen. Membrane for electrostatic loudspeakers. Issued 2-25-30. (28)
- 1,748,903; Rumlper Edmund. Motor vehicle. Issued 2-25-30. (28)
- 1,749,026; All. Radio S A. Cinematographic machine. Issued 3-4-30. (38)
- 1,749,075; All. Vereinigte Stahlwerke A G. Means for separating adhering rolled metal sheets. Issued 3-4-30. (28)
- 1,749,152; Muller Friedrich. Starting mechanism for internal combustion engines. Issued 3-4-30. (6)
- 1,749,220; All. Luftschiffbau Zeppelin GmbH. Stereoscope. Issued 3-4-30. (28)
- 1,749,249; Van Item Johan. Handling and transport of building blocks and the like. Issued 3-4-30. (28)
- 1,749,266; Sontag Walter. Baffling device. Issued 3-4-30. (6)
- 1,749,304; All. Lorenz C A G. Apparatus for speed regulation of rotating bodies. Issued 3-4-30. (28)
- 1,749,309; Beck Sigmund. Shaving brush. Issued 3-4-30. (28)
- 1,749,334; Georg Otto. Forging machine and the like. Issued 3-4-30. (28)
- 1,749,463; All. Bohme H TH A G. Process for obtaining sulphonation products from polymerized fats or oils or the acids thereof. Issued 3-4-30. (28)
- 1,749,479; All. Schubert and Salzer. Flat knitting frame. Issued 3-4-30. (28)
- 1,749,683; Windhoff Hans. Internal combustion engine. Issued 3-4-30. (28)
- 1,749,695; Drath Raimund. Fluid actuated valve. Issued 3-4-30. (28)
- 1,749,699; Feubel Albert. Weighting of silk. Issued 3-4-30. (28)
- 1,749,711; Meyer Hermann. Raft or boat. Issued 3-4-30. (28)
- 1,749,720; All. Soc Italiana Ernesto Breda. Impact ignition device. Issued 3-4-30. (38)
- 1,749,781; All. Goldschmidt TH A G. Method of obtaining lead oxide in a state of high dispersion. Issued 3-11-30. (28)
- 1,749,811; All. Wasserveredlung Groeck GmbH. Method and apparatus for mixing flowing media in equal proportions. Issued 3-11-30. (28)
- 1,749,812; Grube Paul. Process for pulverizing mountainash berries. Issued 3-11-30. (28)
- 1,749,817; Hermsdorf Ewald. Apparatus for supplying powdered fuel to furnaces. Issued 3-11-30. (28)
- 1,749,828; All. Zahnradfabrik A G. Gear. Issued 3-11-30. (28)
- 1,749,859; All. Deutsche Werke Kiel A G. Two stroke internal combustion engine. Issued 3-11-30. (28)
- 1,749,925; All. Miag Muhlenbau and industrie A G. Apparatus for grinding grain into crushed malt and the like. Issued 3-11-30. (28)
- 1,749,961; Efling Paul et al; Stock Johann Jacob Friedrich. Method of producing cinematographic titles headlines announcements and the like. Issued 3-11-30. (28)
- 1,749,997; All. Speidel Chain Co. Extension device. Issued 3-11-30. (28)
- 1,750,000; Esau Abraham. Generator of short electric waves. Issued 3-11-30. (28)
- 1,750,003; Haas Hermann. Drying apparatus. Issued 3-11-30. (28)
- 1,750,018; Meyer Jagenberg Gunther. Cigarette packing machine. Issued 3-11-30. (28)
- 1,750,064; Stedefeld Curt. Running gear for high speed suspension cars. Issued 3-11-30. (28)
- 1,750,065; All. Steinhuller L and C. Traveling grate. Issued 3-11-30. (28)
- 1,750,068; Torrioni Angelo. Express coffee machine set. Issued 3-11-30. (38)
- 1,750,078; Willhelm Ernst. Control apparatus. Issued 3-11-30. (6)
- 1,750,083; Zaymusz Illes. Thrashing machine. Issued 3-11-30. (34)
- 1,750,088; All. Macaowaizenmuklen GmbH. Grinding mill. Issued 3-11-30. (28)
- 1,750,094; All. Von Loeben Rudolf Christian. Hand and face drying device. Issued 3-11-30. (28)
- 1,750,095; Ewig Friedrich. Hold for dredgers. Issued 3-11-30. (28)
- 1,750,487; Okuura Wasaburo. Paper reeling machine. Issued 3-11-30. (39)
- 1,750,531; All. Deutsche Maschinenbau und Vertriebs. Cutting device for transversely cutting moving paper webs. Issued 3-11-30. (28)
- 1,750,540; All. Soc Italiana Pirelli. Manufacture of rubber. Issued 3-11-30. (38)
- 1,750,545; Stabernack Georg; Stabernack Richard et al. Packing container. Issued 3-11-30. (28)
- 1,750,554; Walter Josef. Bushing for lining the bores of joints. Issued 3-11-30. (6)
- 1,750,587; Fischer Ferdinand. Offset printing machine. Issued 3-11-30. (28)
- 1,750,591; Hafermann Alfred. Closure for nonrefillable bottles. Issued 3-11-30. (28)
- 1,750,609; All. Kleinschmidt Emil. Apparatus for binding pulverulent fuel. Issued 3-11-30. (28)
- 1,750,657; Adolph Gustav Pietzsch Albert et al; Bleaching process. Issued 3-18-30. (28)
- 1,750,707; All. Typograph GmbH. Matrix setting and line casting machine. Issued 3-18-30. (28)
- 1,750,717; Laube Clemens Otto Kurt Dec. Box making machine. Issued 3-18-30. (28)
- 1,750,732; Steven Otto Ludwig. Leather dressing process. Issued 3-18-30. (28)
- 1,750,773; All. Yacht und Bootswerft Burmester GmbH. Boat. Issued 3-18-30. (28)
- 1,750,782; Obermaier Otto Julius. Extractor for warp beams. Issued 3-18-30. (28)
- 1,750,802; Haferkorn Oswald. Switch rail for monorail suspended railways. Issued 3-18-30. (28)
- 1,750,814; All. Bergmann Elektrizitatswerke A G. High pressure steam turbine. Issued 3-18-30. (28)
- 1,750,818; Sauveur Harry. Means for preventing leakage. Issued 3-18-30. (28)
- 1,750,895; Leyhausen Wilhelm. Automatic circuit breaker. Issued 3-18-30. (28)
- 1,750,919; Becker Gabriel. Supercharging method for internal combustion engines. Issued 3-18-30. (28)
- 1,751,007; Kreissig Ernst. Wheel and axle. Issued 3-18-30. (28)
- 1,751,032; Dienst Karl. Grinding of bread grain. Issued 3-18-30. (28)
- 1,751,103; Schroeder Max. Process for recovering gas constituents from gas mixtures. Issued 3-18-30. (28)
- 1,175,161; All. Zahn & Co GmbH. Calcining furnace and method of operating the same. Issued 3-18-30. (28)
- 1,751,163; Loessin Arthur. Method of manufacturing ceramic materials building elements and the like from mud. Issued 3-18-30. (28)
- 1,751,178; Taeschner Kurt. Process for the production of artificial teeth. Issued 3-18-30. (28)
- 1,751,180; Wenschiger Johann. Combined sitz bath. Issued 3-18-30. (6)
- 1,751,184; Wodarra Adolf. Door lock. Issued 3-18-30. (28)
- 1,751,185; Wust Fritz. Smelting process. Issued 3-18-30. (28)
- 1,751,211; Leonori Ovidio. Process for producing anhydrous alcohol. Issued 3-18-30. (38)
- 1,751,215; Muller Paul. Guard for safety razor blades. Issued 3-18-30. (28)
- 1,751,217; Rohm Otto. Emulsion. Issued 3-18-30. (28)
- 1,751,218; Schmidt Karl. Portable fire extinguisher. Issued 3-18-30. (28)
- 1,751,220; All. Sankyo Kabushiki Kaisha. Light filter. Issued 3-18-30. (39)
- 1,751,258; Vogl Hubert. Bark stripping machine. Issued 3-18-30. (6)
- 1,751,326; Hahn Martin. Process for producing an explosive. Issued 3-18-30. (28)
- 1,751,341; Leisse Matthias. Container. Issued 3-18-30. (28)

## EXHIBIT A, VOLUME 2

Patents identified as follows, giving the number of the patent, the grantee's name, in some cases in abbreviated form, the title of the invention, the date of issue, and a code number representing the nationality of the grantee, such code numbers<sup>1</sup> having the following meanings:

- 6 Austria
- 28 Germany
- 34 Hungary
- 38 Italy
- 39 Japan
- 57 Rumania
- 11 Bulgaria

- 1,750,111; All. Felten and Guttleaume Cariswork A G. High tension cable. Issued 3-11-30. (28)
- 1,750,119; Muller Paul. Protective holder. Issued 3-11-30. (28)
- 1,750,167; Erban Richard. Frictional gearing. Issued 3-11-30. (6)
- 1,750,168; Erban Richard. Friction gear. Issued 3-11-30. (6)
- 1,750,202; Steeves Aubrey C. Land breaker and plow. Issued 3-11-30. (28)
- 1,750,206; Winarsky Edmund. Reducing valve. Issued 3-11-30. (28)
- 1,750,357; Ramdor Leopold. Strip feeding mechanism. Issued 3-11-30. (28)
- 1,750,363; Schmid Max. Paper carriage for typewriting machines. Issued 3-11-30. (28)
- 1,750,365; All. Vereinigte Stahlwerke A G. Rail. Issued 3-11-30. (28)
- 1,750,384; Bottcher Paul Jr. Method of and apparatus for cutting toothed gears. Issued 3-11-30. (28)
- 1,750,397; Faulstich Georg. Russian boot. Issued 3-11-30. (28)
- 1,750,407; Kopp Fritz. Wheel. Issued 3-11-30. (28)
- 1,750,410; Kovacs Theodor. Reservoir pen. Issued 3-11-30. (28)
- 1,750,421; All. Nollische Werke Kommandit Ges. Pulling over machine. Issued 3-11-30. (28)
- 1,750,472; Huckinghaus Wilhelm. Handsaw. Issued 3-11-30. (28)
- 1,750,476; Killing Fritz. Means for facilitating the tying and sealing of packages. Issued 3-11-30. (28)
- 1,750,482; All. Kollmann Adolf Gustav. Mercury vapor lamp for alternating currents. Issued 3-11-30. (28)

<sup>1</sup>The code numbers throughout this Exhibit A, Volume II, appear in parentheses.

- 1,751,373; Wagner Gerhard et al; Heymanns Rudolf; Funke Friedrich. Adjustable tightening device for doors and the like. Issued 3-18-30. (28)
- 1,751,496; Sandner Erich. Torque cushioning shaft coupling. Issued 3-25-30. (39)
- 1,751,537; Vianello Emilio. Apparatus for compressing air gases or vapors. Issued 3-25-30. (38)
- 1,751,639; Junkers Hugo. Dock for flying machines. Issued 3-25-30. (28)
- 1,751,692; Fruhbels Georg. Ice skate. Issued 3-25-30. (28)
- 1,751,761; Rodrian Albert. Type head for typewriters and the like. Issued 3-25-30. (28)
- 1,751,778; Von Girsewald Conway Freiherr et al; Neumark Hans. Method of making zinc from oxygen compounds of zinc or substances containing oxygen compounds of zinc. Issued 3-25-30. (28)
- 1,751,808; Gauthier Alfred. Photographic lens shutter. Issued 3-25-30. (28)
- 1,751,815; All. Lorenz C A G. Selector. Issued 3-25-30. (28)
- 1,751,885; Riehle Franz. Record card and cover therefor. Issued 3-25-30. (28)
- 1,751,911; All. Deutsche Asbestwerke A G. Brake block. Issued 3-25-30. (28)
- 1,751,932; All. I G Farbenindustrie A G. Salts of Alkaline earth metals. Issued 3-25-30. (28)
- 1,751,933; All. I G Farbenindustrie A G. Production of hydrocyanic acid. Issued 3-25-30. (28)
- 1,751,968; Yuasa Toichiro. Automatic filarizing machine. Issued 3-25-30. (39)
- 1,752,001; All. Sarotti A G. Method of making a chocolate covered confection having a liquid mass therein. Issued 3-25-30. (28)
- 1,752,076; Godet Raymond. Automatic control device for well drilling. Issued 3-25-30. (57)
- 1,752,086; Hirtz Heinrich. Process of recovering nitric acid from weak nitric liquors. Issued 3-25-30. (28)
- 1,752,090; All. Schaefer & Fiedelmeier. Closure for bottles and jars. Issued 3-25-30. (28)
- 1,752,101; Meusch Heinrich. Mining prop. Issued 3-25-30. (28)
- 1,752,141; Beche Hans. Drop hammer. Issued 3-25-30. (28)
- 1,752,176; Hattori Kenzo. Method of preparing emulsions. Issued 3-25-30. (39)
- 1,752,185; Kuchenmeister Heinrich. Acoustic apparatus particularly signaling apparatus. Issued 3-25-30. (28)
- 1,752,188; Liebergeld Paul. Mechanical time fuse. Issued 3-25-30. (28)
- 1,752,219; Adam Otto. Stocking and sock holder. Issued 3-25-30. (28)
- 1,752,262; All. Muhloff Werkzeugfabrik Peter. Bit for boring long holes. Issued 3-25-30. (28)
- 1,752,338; Fujii Momotaro. Therapeutical instrument. Issued 4-1-30. (39)
- 1,752,340; All. Universelle Cigarettenmaschinen. Means for counterrolling a cigarette paper. Issued 4-1-30. (28)
- 1,752,341; All. Universelle Cigarettenmaschinen. Sharpening roller arrangement for the revolving sickleknives in cigarette rod machines. Issued 4-1-30. (28)
- 1,752,374; All. Siemens Friedrich A G. Process of producing steel in an open hearth furnace. Issued 4-1-30. (28)
- 1,752,383; All. Maschinenfabrik Augsburg. Gas reservoir. Issued 4-1-30. (28)
- 1,752,408; Zein Otto. Tube expander. Issued 4-1-30. (28)
- 1,752,596; All. I G Farbenindustrie A G. Process of replacing the water in a water moist cellulose by an organic liquid and the product thereof. Issued 4-1-30. (28)
- 1,752,636; Izumi Torazo. Device for manufacturing a tape having braidlike wrinkles or plaits from solidifiable viscous solution. Issued 4-1-30. (39)
- 1,752,646; Jakob Lukasczyk. Apparatus for strengthening the heads of railway rails. Issued 4-1-30. (28)
- 1,752,680; Martin Karl et al; Tietze Paul. Optical means for producing color cinematographic pictures. Issued 4-1-30. (28)
- 1,752,799; Junkers Hugo. Riveting device. Issued 4-1-30. (28)
- 1,752,804; Nicolet Walter. Loom. Issued 4-1-30. (28)
- 1,752,826; All. Chemischefirm Fabrik Auf Actien. Composition of matter and method of producing same. Issued 4-1-30. (28)
- 1,752,855; Schonberger Fritz. Apparatus for measuring physical characteristics of flowing streams of fluid. Issued 4-1-30. (28)
- 1,752,874; All. Junkers Hugo. Flying boat. Issued 4-1-30. (28)
- 1,752,894; All. Howaldtswerke A G. Floating dock for water aircraft. Issued 4-1-30. (28)
- 1,752,901; Falkenburg Julius. Rowing apparatus for gymnastic exercises. Issued 4-1-30. (28)
- 1,752,911; Krell Otto. Hangar for airships. Issued 4-1-30. (28)
- 1,752,950; All. Schmidt & Melmer Firm. Refuse handling apparatus. Issued 4-1-30. (28)
- 1,752,953; All. Kahne Theodor Sohne. Method of manufacturing spectacle frames from tortoise shell and similar valuable material. Issued 4-1-30. (28)
- 1,752,955; All. Trinkl Hans Uhren Und. Cartridge cut out. Issued 4-1-30. (28)
- 1,752,963; Pettinelli Parisino. Grid for chemical storage batteries. Issued 4-1-30. (38)
- 1,753,020; All. Maschinenfabrik Augsburg. Reversible internal combustion engine of the fuel injection type. Issued 4-1-30. (28)
- 1,753,021; All. Maschinenfabrik Augsburg. Process and apparatus for starting internal combustion engines. Issued 4-1-30. (28)
- 1,753,027; Sakuma Elkichi. Apparatus for making asphalt roofings. Issued 4-1-30. (39)
- 1,753,051; Junkers Hugo. Assembly unit. Issued 4-1-30. (28)
- 1,753,063; Nitzsche Fritz. Concrete foot for wooden poles. Issued 4-1-30. (28)
- 1,753,072; All. Rheinische Metallwaren und. Trigger apparatus for the single and continuous fire of automatic fire arms. Issued 4-1-30. (28)
- 1,753,081; Derossi Carlo. Automatic apparatus for the rapid production of aerated water. Issued 4-1-30. (38)
- 1,753,134; Schmid Max. Feed device for the carriage of typewriting machines. Issued 4-1-30. (28)
- 1,753,135; Schuberth Paul. Door for vehicles for removing house refuse. Issued 4-1-30. (28)
- 1,753,137; Seibt Georg. Electrostatic loud speaker. Issued 4-1-30. (28)
- 1,753,169; All. Deutsche telephonwerke und. Tubular postal section. Issued 4-1-30. (28)
- 1,753,196; All. Siemens & Halske AKG. Internal combustion engine. Issued 4-8-30. (28)
- 1,753,203; Hoetger Bernhard. Advertising device. Issued 4-8-30. (28)
- 1,753,205; Horii Shinjiro. Stencil sheet. Issued 4-8-30. (39)
- 1,753,389; Schwechten Wilhelm. Bridge for pianos. Issued 4-8-30. (28)
- 1,753,467; Kniepert Karl. Brick or block for regenerators. Issued 4-8-30. (6)
- 1,753,547; Bruhn Friedrich Wilhelm Gustav. Positive speed gauge. Issued 4-8-30. (28)
- 1,753,573; All. United Cigarette Machine Co AKG. Process and apparatus for preparing raw tobacco. Issued 4-8-30. (28)
- 1,753,577; Piccardo Cesare. Filtering and decanting apparatus. Issued 4-8-30. (38)
- 1,753,625; Saviour Harry. Regulator for controlling fluid pressure in submerged machines. Issued 4-8-30. (28)
- 1,753,626; Schlinck Julius et al; Munchmeyer Georg. Process for the manufacture of horn like material. Issued 4-8-30. (28)
- 1,753,706. Issued 4-8-30.
- 1,753,658; All. Deutsche Gold Silber. Process for the preparation of sulphur compounds of pyridine. Issued 4-8-30. (28)
- 1,753,685; All. Krupp Grusonwerk AKG Fried Firm; Junkers Hugo. Discharge means for tube or ball mills. Issued 4-8-30. (28)
- 1,753,723; Allseiffert & Co AKG Firm. Valve. Issued 4-8-30. (28)
- 1,753,767; Asbeck Gustav. Rolling mill. Issued 4-8-30. (28)
- 1,753,790; Kawai Kametako. Method of preparing concentrated cod liver oil. Issued 4-8-30. (39)
- 1,753,816; All. Riebeckische Montanwerke AKG A. Production of montan wax. Issued 4-8-30. (28)
- 1,753,827; All. Schuler L A G Werkzeugmaschinen. Tube cutting machine. Issued 4-8-30. (28)
- 1,753,834; Ponisch Max. Machine for producing seamless bodies sweetmeats and others from plastic masses. Issued 4-8-30. (28)
- 1,753,835; All. Lowenthal & Weissberger GmbH. Pyrophoric hand lighter. Issued 4-8-30. (28)
- 1,753,836; Sandt Julius. Shoe machine. Issued 4-8-30. (28)
- 1,753,854; Fischer Anton. Electro galvanic medical apparatus. Issued 4-8-30. (28)
- 1,753,856; Freundlich Erich. Evaporator for refrigerating plants. Issued 4-8-30. (28)
- 1,753,871; All. Jifa GmbH. High pressure gas developing cartridge. Issued 4-8-30. (28)
- 1,753,885; Gerhardt Oscar. Radiation apparatus. Issued 4-8-30. (28)
- 1,753,897; Siegmund Loeb. Heater for automobiles. Issued 4-8-30. (28)
- 1,753,987; All. Deutsche Telephonwerk und. Tubular postal system. Issued 4-8-30. (28)
- 1,753,988; All. Deutsche Telephonwerke und. Tubular postal dispatching station. Issued 4-8-30. (28)
- 1,753,989; All. Deutsche Telephonwerke und. Switch point for tubular postal systems. Issued 4-8-30. (28)
- 1,754,012; Donath Bruno. Incandescent cathode rectifier for medium voltages. Issued 4-8-30. (28)
- 1,754,031; All. I G Farbenindustrie AKG. Cyclic ketones of the aromatic series and process of making same. Issued 4-8-30. (28)
- 1,754,049; Rieckhof Christian. Method for determining the action of forces upon static constructions. Issued 4-8-30. (28)
- 1,754,127; All. Friedmann Alex Firm. Pipe coupling. Issued 4-8-30. (6)
- 1,754,146; Calvino Giovanni. Coffee filter. Issued 4-8-30. (38)
- 1,754,156; Frischer Hermann. Production of acids. Issued 4-8-30. (28)
- 1,754,163; All. Benckiser Chemische Fabrik Joh A. Process for stabilizing bleaching liquors. Issued 4-8-30. (28)
- 1,754,165; Fabian Paul. Lip protecting holdfast. Issued 4-8-30. (28)
- 1,754,167; All. Schmidtische Heissdampf GmbH. Marine boiler. Issued 4-8-30. (28)
- 1,754,171; Kopplinger Hermann. Preparation for removing or preventing boiler scale and other like deposits. Issued 4-8-30. (6)
- 1,754,177; All. Soc Italiana Pirelli. Apparatus for regenerating vulcanized rubber. Issued 4-8-30. (38)
- 1,754,243; Satow Teikichi. Lacquer composition. Issued 4-15-30. (39)
- 1,754,264; Clausnitzer Rudolf Alban. Control means for supergenerative receivers. Issued 4-15-30. (28)



- 1,754,358; All. I G Farbenindustrie A. G. Production of potassium ammonium sulphate. Issued 4-15-30. (28)
- 1,754,364; Kemp Paul. Bearing metal. Issued 4-15-30. (6)
- 1,754,399; Pascucci Giuseppe. Utilization of the force of gravity and relative apparatus. Issued 4-15-30. (38)
- 1,754,419; All. Drager Heinrich Otto. Eye-piece for gas protective masks. Issued 4-15-30. (28)
- 1,754,427; Hoffman Konrad. Process and apparatus for the manufacture of artificial threads of derivatives of cellulose. Issued 4-15-30. (28)
- 1,754,434; Perino Josef. Process of manufacturing a vegetable alimentary extract. Issued 4-15-30. (28)
- 1,754,538; All. Muller Karl Johann. Tone amplifier for sound reproducing apparatus. Issued 4-15-30. (28)
- 1,754,586; Volcker Ernst. Combustion method for fuels. Issued 4-15-30. (28)
- 1,754,595; All. Sachs Marschel Frank A G in Chemnitz. Lady's breeches. Issued 4-15-30. (28)
- 1,754,599; Bollmann Hermann. Method of bleaching fatty oils mineral oil and the like. Issued 4-15-30. (28)
- 1,754,676; All. Deutsche Asbestwerke A G. Friction block for brakes friction clutches and the like. Issued 4-15-30. (28)
- 1,754,697; Saglioni Romeo. Change speed gearing. Issued 4-15-30. (38)
- 1,754,746; Ewig Friedrich. Suction dredger. Issued 4-15-30. (28)
- 1,754,867; Stoya Paul. Sliding catch. Issued 4-15-30. (28)
- 1,754,868; Wehling August. Device for indicating and controlling the speed of motor vehicles. Issued 4-15-30. (28)
- 1,754,883; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 4-15-30. (28)
- 1,754,885; Frings Gerhard. Bitter cutter. Issued 4-15-30. (28)
- 1,754,935; All. Katscher Sigmund. Process of directly producing phonogram carriers suitable to be played off. Issued 4-15-30. (6)
- 1,754,983; Cumbo Ernesto. Motor boat. Issued 4-15-30. (38)
- 1,755,031; Schmuckler Hans. Welding table. Issued 4-15-30. (28)
- 1,755,034; All. Rheinische Metalwaaren und Automatic Firearm. Issued 4-15-30. (28)
- 1,755,066; All. Feldmuhle papier und device for drying cellulose films. Issued 4-15-30. (28)
- 1,755,080; All. Messrs Neuerburg Sche. Means for spreading cut tobacco in cigarette making machines. Issued 4-15-30. (28)
- 1,755,081; All. Messrs Neuerburg Sche. Means for loosening and spreading cut tobacco. Issued 4-15-30. (28)
- 1,755,106; Eckardt Emil Paul Bonifazius. Meter for compressed gas. Issued 4-15-30. (28)
- 1,755,768; Busching Willi. Denitration of waste acid mixtures. Issued 4-22-30. (28)
- 1,755,797; Schwenke Paul. Fuse for submarine bombs. Issued 4-22-30. (28)
- 1,755,826; Klein Eugen. Appliance for automatically regulating the entrance of fabrics or webs into lapping machines. Issued 4-22-30. (28)
- 1,755,842; Schoberl Robert. Chair convertible into a bedstead or couch. Issued 4-22-30. (34)
- 1,755,914; Colucci Giuseppe. Device for transforming a uniform rotary motion into an alternating motion with different speeds in two directions. Issued 4-22-30. (38)
- 1,755,946; Altenbach Otto. Knife handle. Issued 4-22-30. (28)
- 1,755,951; Dubsky Arthur. Pivotal wind screen for pyrophore cigar lighters. Issued 4-22-30. (6)
- 1,755,962; All. Gebruder Hardy Maschinenfabrik. Release valve for single chamber air pressure brakes. Issued 4-22-30. (6)
- 1,755,967; Pagani Antonio. Copying machine. Issued 4-22-30. (38)
- 1,755,979; Campos Gino. System for the protection of electrical installations again overvoltages. Issued 4-22-30. (38)
- 1,755,515; Rath Curt. Process for the manufacture of compound of isonaphthyridin. Issued 4-22-30. (28)
- 1,755,544; Jalowetz Eduard. Process of improving brewing waters. Issued 4-22-30. (6)
- 1,755,551; All. Zeiss Firm Carl. Holder with feeding arrangement for the positive electrode of a searchlight. Issued 4-22-30. (28)
- 1,755,559; Pletsch Carl. Galvanizing. Issued 4-22-30. (28)
- 1,755,575; Eckler Wilhelm. Nozzle for sand blast apparatus. Issued 4-22-30. (28)
- 1,755,656; All. I G Farbenindustrie A G. Process of preparing dihydroxyacetone. Issued 4-22-30. (28)
- 1,755,657; All. I G Farbenindustrie A G. Caustic soda solution of cellulose. Issued 4-22-30. (28)
- 1,755,668; All. I G Farbenindustrie A G. Process for refining the raw oil of turpentine. Issued 4-22-30. (28)
- 1,755,677; Imai Seichiro; Urano Saburo et al. Process of manufacturing basic calcium hypochlorites. Issued 4-22-30. (39)
- 1,755,683; All. Deutsche Gold and Silber. Production of glutaminic acid. Issued 4-22-30. (28)
- 1,755,689; All. Maschinenfabrik Augsburg. Electrical switching apparatus. Issued 4-22-30. (28)
- 1,755,692; All. Consortium fur Elektrochemische. Process for the preparation of condensation products of ethyl alcohol. Issued 4-22-30. (28)
- 1,755,695; Reischenbacher Hans; Klima Rudolf et al. Steam operated ice and snow plow. Issued 4-22-30. (6)
- 1,755,696; Berthold Walter Kluge Kurt et al. Perpetual date indicator. Issued 4-22-30. (28)
- 1,755,712; All. Krupp Grusonwerk A G Fried. Process of recovering volatilizable metals from ores or the like. Issued 4-22-30. (28)
- 1,755,717; Wagner Karl. Saw. Issued 4-22-30. (28)
- 1,755,720; Dunnebier Max; Winkler Alfred et al. Apparatus for handling articles. Issued 4-22-30. (28)
- 1,755,721; Winkler Alfred et al; Dunnebier Max. Apparatus for handling articles. Issued 4-22-30. (28)
- 1,755,724; All. Yacht und Bootswerft Burmester M B H. Boat. Issued 4-22-30. (28)
- 1,755,730; Gosser Adolf. Game. Issued 4-22-30. (28)
- 1,755,737; Kesselring Fritz. Lamp shade. Issued 4-22-30. (28)
- 1,755,750; All. Schering Kahlbaum A G. Manufacture of esters of the borneols. Issued 4-22-30. (28)
- 1,755,752; All. Schering Kahlbaum A G. Process of manufacturing esters of the borneols. Issued 4-22-30. (28)
- 1,755,757; Zahn Otto. Connection apparatus for the wires of head receivers for broadcasting. Issued 4-22-30. (28)
- 1,755,759; Ohm Ludwig Ahmels Karl et al. Pocket microscope. Issued 4-22-30. (28)
- 1,755,765; Bomig Rudolf. Rail bonding means glowlamp. (28)
- 1,756,049; All. Goldschmidt Th A G. Method of utilizing bundled scrap metal. Issued 4-29-30. (28)
- 1,756,096; Novelli Francesco. Method of and apparatus for burning solid fuel. Issued 4-29-30. (38)
- 1,756,100; All. I G Farbenindustrie A G. Process for preparing colored nitrocellulose varnishes. Issued 4-29-30. (28)
- 1,756,152; Hashimoto Tokujiro. Process for manufacturing toilet material. Issued 4-29-30. (39)
- 1,756,359; Jagenberg Emil. Means for the manufacture of paper boxes cardboard boxes and the like. Issued 4-29-30. (28)
- 1,756,362; Junkers Hugo. Sheet metal cutter. Issued 4-29-30. (28)
- 1,756,381. Pahl August. Apparatus for the production of molten liquid coats of enamel glass and the like by spraying upon metal stone or other surfaces or bodies. Issued 4-29-30. (28)
- 1,756,382; Palme Gustav. Glue produce. Issued 4-29-30. (28)
- 1,756,516; Klopstock Hans. Cutting tool. Issued 4-29-30. (28)
- 1,755,983; All. Gustav Ganz and Co. Method and apparatus of introducing and fusing in the leading in wires into the tubular foot of an electric. Issued 4-22-30. (6)
- 1,755,179; All. I G Farbenindustrie A G. Sulphonic acids of high wetting cleaning and emulsifying power. Issued 4-22-30. (28)
- 1,755,180; All. Drahtlose Telegraphie GmbH. Arrangement for directional receiving. Issued 4-22-30. (28)
- 1,755,189; All. I G Farbenindustrie A G. Production of valuable products from montan wax. Issued 4-22-30. (28)
- 1,755,193; All. I G Farbenindustrie A G. Production of acetone. Issued 4-22-30. (28)
- 1,755,202; Brecht Walter et al; Schaun Erich. Apparatus for regulating lateral movement of longitudinal sieves. Issued 4-22-30. (28)
- 1,755,267; Ostermayer Walter. Control device for electric illuminated signs. Issued 4-22-30. (28)
- 1,755,355; Kattwinkel Hans. Manufacture of friction bodies. Issued 4-22-30. (28)
- 1,755,361; Pfluger Albert et al; Haage Konrad. Mechanical hammer. Issued 4-22-30. (28)
- 1,755,433; Duskow Wilhelm. Closure device for perfume bottles or the like. Issued 4-22-30. (28)
- 1,755,436; Faudi Fritz. Stuffing box. Issued 4-22-30. (28)
- 1,755,491; Spigai Vincenzo Fausto. Automatic regulator for power factor improving apparatus. Issued 4-22-30. (38)
- 1,756,599; Kraney Karl Friedrich. Apparatus for dyeing hat bodies and materials. Issued 4-29-30. (28)
- 1,756,723; Bohn Erich. Process for treating animal hair and wool with chlorine. Issued 4-29-30. (6)
- 1,756,735; Funke Paul. Piston cooling device for internal combustion engines. Issued 4-29-30. (28)
- 1,756,760; Reich Otto. Ash tray or smokers stand. Issued 4-29-30. (6)
- 1,756,824; Hasemann Friedrich. Device for regulating flow of fluids. Issued 4-29-30. (28)
- 1,756,881; Reinz Hogo. Packing material. Issued 4-29-30. (28)
- 1,756,951; All. I G Farbenindustrie A G. Printing colors. Issued 5-6-30. (28)
- 1,756,969; Bergfeld Karl. Coal carbonizing apparatus for the extraction of bituminous materials. Issued 5-6-30. (28)
- 1,757,222; All. I G Farbenindustrie A G. Mothproof material and process of making same. Issued 5-6-30. (28)
- 1,757,270; Stinner Otto. Device for generating and utilizing centrifugal forces. Issued 5-6-30. (28)
- 1,757,343; All. Steinmuller L. Means for supporting water tube boilers. Issued 5-6-30. (28)
- 1,757,368; All. Schmidtman Aug. Card unit for visible card systems. Issued 5-6-30. (28)
- 1,757,370; Killan Fritz. Apparatus for pressing pulverulent substances into boxes. Issued 5-6-30. (28)
- 1,757,384; Ponisch Max. Machine for kneading and turning upside down sugar mass. Issued 5-6-30. (28)
- 1,757,392; Schieferstein Georg Heinrich. Power transmission. Issued 5-6-30. (28)

- 1,757,441; All. I G Farbenindustrie A G. Cleansing and emulsifying agent. Issued 5-6-30. (28)
- 1,757,468; All. I G Farbenindustrie A G. Dehydration product of sorbitol and the process of making it. Issued 5-6-30. (28)
- 1,757,477; Rosenhoch Samuel. Process and device for ozonizing tobacco. Issued 5-6-30. (28)
- 1,757,492; Warsitz Robert. Industrial furnace. Issued 5-6-30. (28)
- 1,757,495; All. Lubecker Maschinenbau Ges. Tilting barge. Issued 5-6-30. (28)
- 1,757,553; Tauschek Gustav. Machine for shuffling cards. Issued 5-6-30. (6)
- 1,757,575; Ishibashi Shoji. Shoe or boot for laborers. Issued 5-6-30. (39)
- 1,757,667; Hesse Erich. Device for regulating wind wheels. Issued 5-6-30. (28)
- 1,757,713; Hebler Felix. Coated phosphide and process for making. Issued 5-6-30. (28)
- 1,757,726; Liebscher Paul. Swiveling arbor support. Issued 5-6-30. (28)
- 1,757,828; Beckert Reinhard Willy. Punching machine. Issued 5-6-30. (28)
- 1,757,856; Drubba Otto Karl Leopold. Air moistener and cleaner. Issued 5-6-30. (28)
- 1,757,865; All. Bayerische Eggenfabrik A G. Harrow. Issued 5-6-30. (28)
- 1,757,949; Schlaich Herman. Indicator for distance type thermometers. Issued 5-6-30. (28)
- 1,757,961; Grob Hugo. Carbon resistance. Issued 5-13-30. (28)
- 1,757,979; Steffen Carl Jr. Process for continuous washing of tricalcium saccharate. Issued 5-13-30. (6)
- 1,758,134; Weingartner Eduard. Sheet delivering and stacking device for printing machines. Issued 5-13-30. (28)
- 1,758,213; Bartik Josef. Electrical heating apparatus. Issued 5-13-30. (6)
- 1,758,241; All. I G Farbenindustrie A G. Process for the production of phosphorus and alumina cement. Issued 5-13-30. (28)
- 1,758,267; Wach Hans. Reciprocating steam engine. Issued 5-13-30. (28)
- 1,758,277; All. I G Farbenindustrie A G. Substituted arylsulphonic acids and process of making same. Issued 5-13-30. (28)
- 1,758,296; Schaumann Alfred. Body armor. Issued 5-13-30. (28)
- 1,758,334; Schleifer Wilhelm. Rider for registration cards. Issued 5-13-30. (6)
- 1,758,335; Schlumpf Jacques. Device for subdividing liquid containers. Issued 5-13-30. (28)
- 1,758,356; All. I G Farbenindustrie A G. Process for preparing nuclear substituted arylsulphonic acids. Issued 5-13-30. (28)
- 1,758,366; All. Maschinenfabrik Augsburg. Injection piping for internal combustion engines with solid fuel injection. Issued 5-13-30. (28)
- 1,758,374; All. Maschinenfabrik Augsburg. Combustion engine. Issued 5-13-30. (28)
- 1,758,375; All. Maschinenfabrik Augsburg. Internal combustion engine. Issued 5-13-30. (28)
- 1,758,471; Schmidt Georg Julius. Valve. Issued 5-13-30. (28)
- 1,758,486; Von Frommer Rudolf. Automatic firearm. Issued 5-13-30. (34)
- 1,758,515; Heiermann Hugo. Wrist pin construction. Issued 5-13-30. (28)
- 1,758,531; All. Elektrodenzertstaubung GmbH. Vacuum dispersion coating process. Issued 5-13-30. (28)
- 1,758,542; Stern Emerich. Spark plug. Issued 5-13-30. (57)
- 1,758,586; Schmitz Carl. Separator. Issued 5-13-30. (28)
- 1,758,593; All. Feldmuhle Papier und. Apparatus for the treatment of a viscose film. Issued 5-13-30. (28)
- 1,758,595; All. Allgemeine Chemische Industrie. Process for recovery of sulphur dioxide from oils containing same. Issued 5-13-30. (28)
- 1,758,625; Saul Siegfried. Air valve for inflating hollow bodies. Issued 5-13-30. (28)
- 1,758,634; Wecker Ernst. Manufacture of esters of fatty acids and of mixture containing fatty acids. Issued 5-13-30. (28)
- 1,758,635; Weiser Hans. Highly sensitive head impact fuse. Issued 5-13-30. (28)
- 1,758,665; Hofner Jakob. Method of and apparatus for finishing textile goods. Issued 5-13-30. (28)
- 1,758,669; All. Bruninghaus and Co. Method of and apparatus for sealing the ends of fastening strings wires and the like. Issued 5-13-30. (28)
- 1,758,676; All. Kalle and Co A G. Light sensitive layers and process of preparing them. Issued 5-13-30. (28)
- 1,758,706; Keinhofer Franz. Last. Issued 5-13-30. (6)
- 1,758,784; Demnitz Albert. Sole setting machine. Issued 5-13-30. (28)
- 1,758,842; Liebergeld Paul. Mechanical time fuse. Issued 5-13-30. (28)
- 1,758,862; Sommer Karl. Device for uniformly moving on a paper strip for closet seats. Issued 5-13-30. (28)
- 1,758,874; Zahradnik Eustach. Dirigible headlight. Issued 5-13-30. (6)
- 1,758,984; All. Richter Curt. Apparatus for spraying heavy oils. Issued 5-20-30. (28)
- 1,758,996; All. Siemenschuckertwerke A G. Method of testing and starting high tension lines. Issued 5-20-30. (28)
- 1,759,024; Selbach Christian. Film winder. Issued 5-20-30. (39)
- 1,759,047; Kis George; Edelstein Arnold et al. Harness controlling mechanism for looms. Issued 5-20-30. (34)
- 1,759,137; Sartor Richard. Dough kneading machine. Issued 5-20-30. (28)
- 1,759,260; Hoffmann Oswald. Spinning process for polychromatic yarns device for said process and the product of said process. Issued 5-20-30. (28)
- 1,759,267; Merk Friedrich. Automatic telephone system. Issued 5-20-30. (28)
- 1,759,270; All. Vorwerk Edgar. Process of producing an artificial skating ground. Issued 5-20-30. (28)
- 1,759,277; All. Armamenti Militari S A. Automatic firearm. Issued 5-20-30. (38)
- 1,759,282; Schaefer Josef. Washer. Issued 5-20-30. (28)
- 1,759,294; All. Haefeli Arnold. Carburetor. Issued 5-20-30. (28)
- 1,759,325; Schmidt Friedrich W. Rail machining device. Issued 5-20-30. (28)
- 1,759,327; Schultz Hermann. Apparatus for machining welded rail joints. Issued 5-20-30. (28)
- 1,759,356; Kattwinkel Hans. Power transmitting means. Issued 5-20-30. (28)
- 1,759,452; All. Schmidt Sche Heissdampf GmbH. Process and apparatus for regulating multistage steam engines of the high pressure type. Issued 5-20-30. (28)
- 1,759,495; All. Kalle & Co A G. Process and device for drying tubular bodies. Issued 5-20-30. (28)
- 1,759,511; Kort Ludwig. Combined ship and propeller. Issued 5-20-30. (28)
- 1,759,512; Rossum Alfons Van; Kramer Heinrich et al. Egg separator. Issued 5-20-30. (28)
- 1,759,522; Schmitz Carl. Centrifugal separator. Issued 5-20-30. (28)
- 1,759,529; All. Optische Anstalt C P Goerz A G. Ocular. Issued 5-20-30. (28)
- 1,759,535; Bach Carl Louis. Driving mechanism for intermittently rotating shafts. Issued 5-20-30. (28)
- 1,759,568; Fervers Carl. Feeder or teat for feeding bottles. Issued 5-20-30. (28)
- 1,759,574; Hollenweger Max. Water closet pan. Issued 5-20-30. (28)
- 1,759,617; All. Hoerbiger & Co. Gas compressor. Issued 5-20-30. (6)
- 1,759,661; All. I G Farbenindustrie A G. Finely divided metals from metal carbonyls. Issued 5-20-30. (28)
- 1,759,727; De Filippi Carlo; Baccich Marco et al. Hydropneumatic reservoir for petrol fuels and the like. Issued 5-20-30. (38)
- 1,759,735; Derossi Carlo. Automatic apparatus for preparing aerated water. Issued 5-20-30. (38)
- 1,759,746; Harder Arthur. Dental spoon. Issued 5-20-30. (28)
- 1,759,747; All. Universelle. Cigarette making machine. Issued 5-20-30. (28)
- 1,759,780; Figari Francesco. Rigid joint pipe and its manufacture. Issued 5-20-30. (38)
- 1,759,804; All. Rudolph & Juhne GmbH. Device for drying textures. Issued 5-20-30. (28)
- 1,759,817; Roder Karl. Steam turbine. Issued 5-20-30. (28)
- 1,759,919; Singer Felix. Artificial plagioclase compound. Issued 5-27-30. (28)
- 1,759,986; Juliusburger Paul. Change over device for boiler feed water heaters and similar apparatus especially applicable for locomotives. Issued 5-27-30. (28)
- 1,760,010; Schultz Hermann. Casting mold for alumino thermic welding. Issued 5-27-30. (28)
- 1,760,034; All. Rothmuller S A G. Pendulum weigher. Issued 5-27-30. (6)
- 1,760,050; Eickworth Regneur. Gas burner. Issued 5-27-30. (28)
- 1,760,056; Hartmann Gunther. Drying frame with transverse laths. Issued 5-27-30. (28)
- 1,760,171; Schoene Kurt. Pump and compressor. Issued 5-27-30. (28)
- 1,760,172; Schoene Kurt. Valve gear for pumps and compressors. Issued 5-27-30. (28)
- 1,760,174; All. Magnet Werk GmbH Eisenach. Electromagnetically operated friction coupling. Issued 5-27-30. (28)
- 1,760,199; All. Kromschroder G A G. Thermostatic regulator valve. Issued 5-27-30. (28)
- 1,760,214; Schubert Richard. Process of producing waterproof concrete specially for pavings. Issued 5-27-30. (28)
- 1,760,223; All. Nagnet Werk GmbH Eisenach. Friction coupling. Issued 5-27-30. (28)
- 1,760,232; Finken Hermann. Pruning shears. Issued 5-27-30. (28)
- 1,760,242; All. Lorenz C A G. Transmitter. Issued 5-27-30. (28)
- 1,760,448; Steinschneider Abraham. Case for books or the like. Issued 5-27-30. (28)
- 1,760,517; Rehfus Oberlander Carl Hans. Felting and fulling machine. Issued 5-27-30. (28)
- 1,760,563; Pawlikowski Rudolf. Material shaking mechanism. Issued 5-27-30. (28)
- 1,760,566; All. Fuld and Co Telephon und Microtelephone. Issued 5-27-30. (28)
- 1,760,572; Weck Alexander Erwin. Mechanically operated grate feeding means. Issued 5-27-30. (28)
- 1,760,623; Aurig Max. Apparatus for treating gases. Issued 5-27-30. (28)
- 1,760,682; Boysen Friedrich August. Collecting conduit for the exhaust pipes for internal combustion engines. Issued 5-27-30. (28)
- 1,760,700; Janik Eduard. Automatic variable speed gear. Issued 5-27-30. (6)
- 1,760,702; Kosfelo Wilhelm Friedrich. Nut tapping device. Issued 5-27-30. (28)
- 1,760,703; All. Maschinenfabrik Eisiedel GmbH. Straight knitting machine. Issued 5-27-30. (28)
- 1,760,706; All. Zellstoffabrik Waldof. Apparatus for obtaining yeast. Issued 5-27-30. (28)



- 1,760,718; Pineschl Lamberto; Quintillani Arturo et al. Method and apparatus for the simultaneous recording or reproduction of motion and sound. Issued 5-27-30. (38)
- 1,760,737; Boden Georg. Two stroke cycle internal combustion engine. Issued 5-27-30. (28)
- 1,760,738; Bohm Erich. Process for increasing the luster of goods made of animal hair and wool. Issued 5-27-30. (6)
- 1,760,757; All. Demag A G. Pilgering rolling mill. Issued 5-27-30. (28)
- 1,760,767; All. Atrax GmbH. Illuminating structure. Issued 5-27-30. (28)
- 1,760,770; Otto Carl. Coke oven. Issued 5-27-30. (28)
- 1,760,776; Rengmann Thure. Paper file. Issued 5-27-30. (28)
- 1,760,780; All. Kalle and Co A G. Light sensitive layers and process preparing them. Issued 5-27-30. (28)
- 1,760,788; All. I G Farbenindustrie A G. Production of chromates with simultaneous recovery of alumina. Issued 5-27-30. (28)
- 1,760,795; Szalay Ferenc. Device for the prevention of the tilting movement of current collector bowls. Issued 5-27-30. (34)
- 1,760,870; All. Krupp Fried A. G. Line adjusting mechanism. Issued 6-3-30. (28)
- 1,760,884; Pais Alexander. Heating device containing a fluid in its heating element. Issued 6-3-30. (57)
- 1,761,146; Muck Otto. Resonance spring driving device. Issued 6-3-30. (28)
- 1,761,392; Hase Rudolf. Device for measuring the temperature of hot fluids. Issued 6-3-30. (28)
- 1,761,399; Kremmling Otto. Method of and machine for working pieces of dough. Issued 6-3-30. (28)
- 1,761,461; Apel Hermann. Switchboard and the like. Issued 6-3-30. (28)
- 1,761,468; Di Neuberger Ferdinandus Bruschi. Hub cap. Issued 6-3-30. (38)
- 1,761,471; Forstel Willfried. Closed Exhaust box for silencing internal combustion engines. Issued 6-3-30. (28)
- 1,761,478; Karlovitz Laszlo. Driving gear for motor driven vehicles. Issued 6-3-30. (34)
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- 1,761,818; De Spuches Principe di Galati Antonio. Hydraulic wheels acting either as motors or as propellers. Issued 6-3-30. (38)
- 1,761,844; All. Maschinenfabrik Augsburg Nuernberg. Heating device for the suction air of combustion engines. Issued 6-3-30. (28)
- 1,761,882; Eberhard Heinrich. Piezo electric crystal controlled oscillation generator. Issued 6-3-30. (28)
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- 1,761,893; All. I G Farbenindustrie A G. Manufacture of urea. Issued 6-3-30. (28)
- 1,761,993; Schmeisser Hugo. Air pistol. Issued 6-3-30. (28)
- 1,762,008; Burnengo Giuseppe. Regulating transformer. Issued 6-3-30. (38)
- 1,762,017; All. Maschinenfabrik Esslingen. Method of manufacture of squirrel cage rotors for electric machines. Issued 6-3-30. (28)
- 1,762,061; All. Muller & Grunstein Elgersburger. Pyrophoric lighter. Issued 6-3-30. (28)
- 1,762,069; All. Lechler Paul Firm. Bituminous paint. Issued 6-3-30. (28)
- 1,762,085; Stedefeld Curt. Apparatus for jointlessly welding rails. Issued 6-3-30. (28)
- 1,762,086; Stedefeld Curt. Method of jointlessly welding rails. Issued 6-3-30. (28)
- 1,762,232; All. Maschinenfabrik Augsburg Nuernberg. Fuel pump of internal combustion engines. Issued 6-10-30. (28)
- 1,762,380; All. Hartmann & Braun A G. Optical pyrometer. Issued 6-10-30. (28)
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- 1,762,479; All. Union Special Maschinenfabrik. Festoon sewing machine. Issued 6-10-30. (28)
- 1,762,505; Burg Eugen. Fireplace. Issued 6-10-30. (28)
- 1,762,641; All. Fuld H & Co Telephon und. Telephone instrument. Issued 6-10-30. (28)
- 1,762,655; Erdos William Joseph. Fire bar for furnaces. Issued 6-18-30. (34)
- 1,762,656; Fischer Oskar. Warp knotting machine. Issued 6-18-30. (28)
- 1,762,672; Spennemann Walter. Electric power distribution. Issued 6-10-30. (28)
- 1,762,681; Di Bono Saverio. Cork grinding machine. Issued 6-10-30. (38)
- 1,762,749; Tauschek Gustav. Paper feeding mechanism. Issued 6-10-30. (6)
- 1,762,807; Arnold Otto. Blood pipette. Issued 6-10-30. (28)
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- 1,762,893; Saul Siegfried. Filling tube for inflatable bodies. Issued 6-10-30. (28)
- 1,762,901; Weinberg Werner. Delivering apparatus for liquid soap. Issued 6-10-30. (28)
- 1,762,983; Heinrich Hugo. Engine pump compressor and the like. Issued 6-10-30. (28)
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- 1,763,307; All. Schmidt Kranz Co Nordhauser. Propulsion conveyer. Issued 6-10-30. (28)
- 1,763,453; Bartling Friedrich. Charging device for ovens of the rotary annular sole plate type. Issued 6-10-30. (28)
- 1,763,482; All. Lorenz C A G. Scanning device. Issued 6-10-30. (28)
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- 1,763,515; All. Lorenz C A G. Piezo electric device. Issued 6-10-30. (28)
- 1,763,519; Heinemann Wilhelm. Lathe with capstan and cross slide rests. Issued 6-10-30. (28)
- 1,763,558; Kruckenberg Franz. Securing rails to high speed suspension monorailways. Issued 6-10-30. (28)
- 1,763,596; Sturmer Kurt. Process for tanning animal hides with salts of iron. Issued 6-10-30. (28)
- 1,763,769; All. Lubecker Maschinenbaugesellschaft. Excavating tool for ditching or dredging machines. Issued 6-17-30. (28)
- 1,763,823; All. Karges Gebr. Transporting vessel. Issued 6-17-30. (28)
- 1,763,918; All. Ofenbau GmbH. Apparatus for moving ingots or masses in furnaces. Issued 6-17-30. (28)
- 1,763,938; All. Rheinische Metallwaren Und. Gun mounted on a wheel carriage. Issued 6-17-30. (28)
- 1,764,061; Wach Hans. Combined reciprocating engine and turbine. Issued 6-17-30. (28)
- 1,764,215; Kupper Josef. Method of manufacturing face masks pseudo reproductions of articles and the like and a device for carrying this method into practice. Issued 6-17-30. (28)
- 1,764,235; Wilmkling Friedrich. Holder for cutting fruit. Issued 6-17-30. (28)
- 1,764,249; Erlenbach Edgar. Process of treating sawdust. Issued 6-17-30. (28)
- 1,764,250; Falkenthal Erwin. Separating and mixing apparatus. Issued 6-17-30. (28)
- 1,764,417; Satow Teikichi. Method of preparing colloidal silver. Issued 6-17-30. (39)
- 1,764,526; Rothmann Gerhard. Working piston for high speed reciprocating compressors. Issued 6-17-30. (28)
- 1,764,535; Simmon Hans. Apparatus for exchange of heat. Issued 6-17-30. (6)
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- 1,764,554; Focke Henrich. Arrangement of motors on the wings of aircraft. Issued 6-17-30. (28)
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- 1,764,575; Nicolet Walter. Method and means for making a textile product. Issued 6-17-30. (28)
- 1,764,576; Nicolet Walter. Art of weaving. Issued 6-17-30. (28)
- 1,764,577; Nicolet Walter. Means for weaving fabrics. Issued 6-17-30. (28)
- 1,764,580; Raviglione Eugenio. Abstract card system or index. Issued 6-17-30. (38)
- 1,764,598; Asbeck Gustav. Rolling mill. Issued 6-17-30. (28)
- 1,764,604; All. Bek Ernst Gideon. Art of soldering. Issued 6-17-30. (28)
- 1,764,663; All. Universelle Cigaretten. Device for forming groups of a definite number of articles. Issued 6-17-30. (28)
- 1,764,664; All. Universelle Cigarettenmaschinen. Apparatus for collecting and superposing groups of cigarettes. Issued 6-17-30. (28)
- 1,764,683; Hoetger Bernhard. Traveling signboard. Issued 6-17-30. (28)
- 1,764,714; All. Messgerate Boykow GmbH. Gyroscope. Issued 6-17-30. (28)
- 1,764,750; Richter Hans. Elastic or resilient connecting member. Issued 6-17-30. (6)
- 1,764,841; Kock Hans. Fermenting vat. Issued 6-17-30. (28)
- 1,764,844; Lukaszcyk Jacob. Process for improving the heads of railway rails. Issued 6-17-30. (28)
- 1,764,846; All. Union Special Maschinenfabrik. Apparatus for producing stitched trimming strips. Issued 6-17-30. (28)
- 1,764,862; All. Sachsische Metallwaren Fabrik. Cigar or cigarette extinguisher. 6-17-30. (28)
- 1,764,873; Feld Friedrich Wilhelm Carl Alex. Apparatus for the generation of steam and hot water. Issued 6-17-30. (28)
- 1,764,969; Mockel Wilhelm. Rapid printing press. Issued 6-17-30. (28)
- 1,765,098; Roozendaal Siegfried J. Method of repairing damaged spots in fabrics. Issued 6-17-30. (28)
- 1,765,118; Abriani Mario. Ship unloading device. Issued 6-17-30. (38)
- 1,765,179; Roders Wilhelm Jr. Tensioning spring. Issued 6-17-30. (28)
- 1,765,199; Bergmann Max. Process for depilating hides and skins. Issued 6-17-30. (28)
- 1,765,342; All. Union Special Maschinenfabrik. Presser foot and chain cutter for sewing machines. Issued 6-17-30. (28)
- 1,765,493; All. Union Special Maschinenfabrik. Chain cutter for sewing machines. Issued 6-24-30. (28)
- 1,765,642; All. Beckers Arnold. Sealing means for coke oven doors. Issued 6-24-30. (28)
- 1,765,702; Roser Edmund. Apparatus for gasifying and distilling solid fuel. Issued 6-24-30. (28)
- 1,765,725; Imbach Siegfried. Dress shield. Issued 6-24-30. (28)
- 1,765,784; Aldinger Otto. Carpet dust cleaner. Issued 6-24-30. (28)

- 1,765,794; Hirth Albert. Tubular container for viscous materials. Issued 6-24-30. (28)
- 1,765,795; Kessler Albert. Fabric with interwoven metal wire. Issued 6-24-30. (28)
- 1,765,805; Schlusser Alfred. Safety razor. Issued 6-24-30. (28)
- 1,765,856; All. Vereinigte Stahlwerke A G. Crossing composed of vignoles rails. Issued 6-24-30. (28)
- 1,765,880; All. Vogel M Geschäftsbucher und. Clamping device for files newspaper holders and the like. Issued 6-24-30. (28)
- 1,765,881; All. Schlafhorst W Co. Breakage indicating mechanism for warping machines and the like. Issued 6-24-30. (28)
- 1,765,883; Ruschke Ewald. Safety device for boiler feed and delivery pipings. Issued 6-24-30. (28)
- 1,765,885; Scherm Hans Jr. Machine for driving in and pulling out nails. Issued 6-24-30. (28)
- 1,765,890; Vates Adolf. Device for supplying water to stone saws. Issued 6-24-30. (28)
- 1,765,895; Weyland Georg. Multistage hot water centrifugal pump. Issued 6-24-30. (28)
- 1,765,900; Beckmann Johannes. Electric safety lamp. Issued 6-24-30. (28)
- 1,765,901; All. Heintze & Blanckertz. Pen for drawing and ruling purposes. Issued 6-24-30. (28)
- 1,765,909; Eberhardt Hermann. Apparatus for sorting guts. Issued 6-24-30. (28)
- 1,765,911; Fabianke Erich. Electrical illumination for tents. Issued 6-24-30. (28)
- 1,765,912; Fehrmann Woldemar. Apparatus for dyeing and wet treating of fabric. Issued 6-24-30. (28)
- 1,765,915; Haase Oskar. Automatic apparatus for washing and drying hands. Issued 6-24-30. (28)
- 1,765,919; Heumann Emil. Ditch digging and cleaning machine. Issued 6-24-30. (28)
- 1,765,922; All. Kleinewefers Joh Sohne Firm. Cleanser. Issued 6-24-30. (28)
- 1,765,923; Kuchenmeister Heinrich. Apparatus for making sound records. Issued 6-24-30. (28)
- 1,765,925; Lodige Wilhelm. Pigsty for rearing pigs. Issued 6-24-30. (28)
- 1,765,927; All. Union Special Maschinenfabrik. Sewing machine and actuating mechanism therefor. Issued 6-24-30. (28)
- 1,765,928; Majer Christian. Process and apparatus for producing paper sleeves and coils with reinforcements wound around. Issued 6-24-30. (28)
- 1,765,932; Meylein Andreas. Process of soldering ornamental and other chains and chain mail of wire of solid cross section. Issued 6-24-30. (28)
- 1,766,023; Hebenstreit Karl Oskar. Baking machine. Issued 6-24-30. (28)
- 1,766,025; Junkers Hugo. Arrangement of rudders for aircraft. Issued 6-24-30. (28)
- 1,766,078; Kellner Georg. Electrically controlled braking device for power vehicles. Issued 6-24-30. (28)
- 1,766,081; All. Schlossfabrik Vorm Wilh Schilte A G. Device for adjustable attaching cylinder locks to doors and furniture locks. Issued 6-24-30. (28)
- 1,766,113; Dehne Karl. Molding apparatus for making dentures and plates for dental purposes. Issued 6-24-30. (28)
- 1,766,159; Will Heinrich. Whitening knife for treating leather. Issued 6-24-30. (28)
- 1,766,194; All. Vereinigte Schuhfabriken. Box with folding lid. Issued 6-24-30. (28)
- 1,766,276; Berg Wilhelm. Jaw chuck for machine tools. Issued 6-24-30. (28)
- 1,766,281; All. Allfemeine Ges Fur Chemische. Continuous treatment of hydrocarbons with sulphur dioxide. Issued 6-24-30. (28)
- 1,766,294; All. Ikarus Internationale Patent. Aerocartograph. Issued 6-24-30. (28)
- 1,766,344; All. I G Farbenindustrie A G. Condensation products of hydrogenated naphthalenes with ethylene. Issued 6-24-30. (28)
- 1,766,349; Nuber Otto. Knitted fabric. Issued 6-24-30. (28)
- 1,766,388; All. Huller Carl. Brush. Issued 6-24-30. (28)
- 1,766,389; Kramling Adolph Wilhelm. Device for spraying fuel into the cylinders of internal combustion engines. Issued 6-24-30. (28)
- 1,766,411; All. Zaidan Hojin Rika Gaku Kenkyujo. Filter for absorbing ultra violet light. Issued 6-24-30. (39)
- 1,766,512; All. Lederwerke Becker & Co. Method and device for compensating electricity on hides. Issued 6-24-30. (28)
- 1,766,513; Heller Josef. Decorticating machine. Issued 6-24-30. (6)
- 1,766,643; Janes Paul. Fluid mixing device. Issued 6-24-30. (6)
- 1,766,705; All. I G Farbenindustrie A G. Stable ammonium bicarbonate. Issued 6-24-30. (28)
- 1,766,715; All. I G Farbenindustrie A G. Production of lactic acid and its derivatives. Issued 6-24-30. (28)
- 1,766,722; All. I G Farbenindustrie A G. Process for the electrolytic manufacture of compounds containing active oxygen. Issued 6-24-30. (28)
- 1,766,728; Stein Hugo. Fountain pen. Issued 6-24-30. (6)
- 1,766,755; All. I G Farbenindustrie A G. Vulcanization accelerator. Issued 6-24-30. (28)
- 1,766,785; All. I G Farbenindustrie A G. Production of calcium nitrate alumina and phosphorus. Issued 6-24-30. (28)
- 1,766,817; All. Friedlander Hans. Substitute for hard paper ebonite fiber and the like and a process for manufacturing the same. Issued 6-24-30. (28)
- 1,766,822; All. I G Farbenindustrie A G. Process for the preparation of bodies from acetyl celluloses. Issued 6-24-30. (28)
- 1,766,860; All. Universelle Cigarettenmaschinen. Apparatus for closing packets provided with a closure flap. Issued 6-24-30. (28)
- 1,766,863; Wecker Ernst. Separating substances of dissimilar volatilities. Issued 6-24-30. (28)
- 1,766,893; All. Focke Wulfe Flugzeugbau Firm A G. Front wing for flying machines. Issued 6-24-30. (28)
- 1,766,943; Rausch Gottfried. Dough dividing and working machine. Issued 6-24-30. (28)
- 1,766,945; All. Maschinenfabrik Augsburg Nuernberg. Exhaust purifier. Issued 6-24-30. (28)
- 1,766,967; Dunneber Max; Winkler Alfred et al. Apparatus for unpowdering sugar bodies. Issued 6-24-30. (28)
- 1,766,995; Hoffmann Johannes Wilhelm. Oscillation damping device free from radiation for electric lines. Issued 6-24-30. (28)
- 1,767,081; Korber Paul. Method and means for producing mosaic designs for porcelain or other fine ceramic materials. Issued 6-24-30. (28)
- 1,767,096; All. Vitale Francesco. Device for superheating and drying steam. Issued 6-24-30. (38)
- 1,767,110; Albrecht Ernst Gottlieb. Truing wedge for matrix setting and line casting machines. Issued 6-24-30. (28)
- 1,767,127; Haw Jakob. Adjustable propeller. Issued 6-24-30. (28)
- 1,767,181; Lisse Leopold. Blasting method andamping cartridge with utilization of liquefied gases. Issued 6-24-30. (28)
- 1,767,182; Lisse Leopold. Blasting cartridge with cover and process of production. Issued 6-24-30. (28)
- 1,767,224; Mulka Friedrich. Automatic lathe. Issued 6-24-30. (28)
- 1,767,232; Uhlig Karl Robert. Ball catching and throwing device. Issued 6-24-30. (28)
- 1,767,294; Landeskroener Carl. Process of treating artificial filaments. Issued 6-24-30. (28)
- 1,767,302; All. I G Farbenindustrie A G. Manufacture of condensation products from olefines and naphthalene hydrocarbon compounds. Issued 6-24-30. (28)
- 1,767,314; Schmitz Carl. Centrifugal machine for clarifying liquids and the like. Issued 6-24-30. (28)
- 1,768,319; All. I G Farbenindustrie A G. Process for the dissociation of sulphur vapor. Issued 6-24-30. (28)
- 1,767,376; All. Deberag Deutsche Beratungsges fur. Disintegrating kneading mixing and drying machine. Issued 6-24-30. (28)
- 1,767,382; All. I G Farbenindustrie A G. Process for the conversion of difficultly soluble or insoluble carbohydrate ethers into a soluble state. Issued 6-24-30. (28)
- 1,767,456; Hulsmeyer Christian. Apparatus for producing nonoxydizing steam. Issued 6-24-30. (28)
- 1,767,597; All. Maschinenfabrik Augsburg. Fuel charging pump. Issued 6-24-30. (28)
- 1,767,697; Pabst Richard. Outlet coupling device for therapeutic bath coils. Issued 6-24-30. (28)
- 1,767,701; All. Maschinenfabrik Augsburg. Internal combustion engine of the solid fuel injection type. Issued 6-24-30. (28)
- 1,767,714; All. Siemens Schuckertwerke GmbH. Steam power plant for high pressure. Issued 6-24-30. (28)
- 1,767,799; All. Universelle Cigarettenmaschinen. Means for forming paper bags or cardboard boxes. Issued 6-24-30. (28)
- 1,767,824; All. Universelle Cigaretten. Means for transferring groups of oval cigarettes. Issued 6-24-30. (28)
- 1,767,845; All. Demag A G. Apparatus for drawing hollow blanks. Issued 6-24-30. (28)
- 1,767,858; All. Schering Kahlbaum A G. Washing drum for photographic pictures. Issued 6-24-30. (28)
- 1,767,886; All. Riebeck Sche a Montanwerke A G. Process for bleaching montan wax. Issued 6-24-30. (28)
- 1,767,896; All. Vereinigte Stahlwerke A G. Method of and apparatus for rolling tubes from a hollow block. Issued 6-24-30. (28)
- 1,767,899; Sattler Hans. Guide device for neckties. Issued 6-24-30. (28)
- 1,767,902; Sichel Helmut. Ampul filling device. Issued 6-24-30. (28)
- 1,767,906; All. Progress Ges Fuer Textilmaschinen. Loom operating device. Issued 6-24-30. (28)
- 1,767,932; Knochenhauer Wolfgang. Internal combustion engine. Issued 6-24-30. (28)
- 1,767,947; All. Pagliani Federico. Auto-transformer for alternating current having variable transformation ratios. Issued 6-24-30. (38)
- 1,767,975; Gonyk Ignatz. Ladle for low melting materials. Issued 6-24-30. (6)
- 1,768,047; Freidrich Wilhelm. Dry fire extinguisher containing a pressure gas cylinder. Issued 6-24-30. (28)
- 1,768,056; All. Schmidt Sche Heissdampf GmbH. Water tube boiler with steam superheater. Issued 6-24-30. (28)
- 1,768,057; All. Schmidt Sche Heissdampf GmbH. Boiler generating steam according to the indirect method. Issued 6-24-30. (28)
- 1,768,058; All. Schmidt Sche Heissdampf GmbH. Superheating of interstage steam. Issued 6-24-30. (28)



- 1,768,068; All. Kohl Emil. Ear protector. Issued 6-24-30. (28)
- 1,768,073; All. Kienzle Uhrenfabriken Schwenningen. Fare indicator. Issued 6-24-30. (28)
- 1,768,079; Kucharski Stanislaus. Means for playing musical instruments. Issued 6-24-30. (28)
- 1,768,089; Lindner Herbert. Thread cutter. Issued 6-24-30. (28)
- 1,768,100; All. Riese Adolf. Clock. Issued 6-24-30. (28)
- 1,768,126; All. Union Special Maschinenfabrik. Apparatus for forming bags. Issued 6-24-30. (28)
- 1,768,155; Schauss Adolf Fritz. Typewriter. Issued 6-24-30. (28)
- 1,768,156; Schroder Wilhelm Gotthilf. Cooling drum. Issued 6-24-30. (28)
- 1,768,169; Schmidt Sche Heissdampf GmbH. Superheating system for fire tube boilers. Issued 6-24-30. (28)
- 1,768,198; All. Schmidt Sche Heissdampf GmbH. Locomotive boiler. Issued 6-24-30. (28)
- 1,768,202; Kappler Felix. Match. Issued 6-24-30. (28)
- 1,768,217; Schlick Albert. Turntable or revolving show stand for shop windows and the like. Issued 6-24-30. (28)
- 1,768,222; All. Schmidt Sche Heissdampf GmbH. Heat transferrer. Issued 6-24-30. (28)
- 1,768,224; Welsch Egon. Automatic locking plant for vehicle doors. Issued 6-24-30. (28)
- 1,768,287; Brauer Ernst. Transmission of messages by electromagnetic waves. Issued 6-24-30. (28)
- 1,768,306; All. Rossel Schwarz Co A G. Massage instrument. Issued 6-24-30. (28)
- 1,768,312; Fallot Alfred Dec. Two color rotary printing machine. Issued 6-24-30. (28)
- 1,768,319; All. Schmidt Sche Heissdampf GmbH. Superheating in high pressure locomotives. Issued 6-24-30. (28)
- 1,768,320; All. Schmidt Sche Heissdampf GmbH. High pressure locomotive. Issued 6-24-30. (28)
- 1,768,408; All. Kleinewefers Joh Sohne. Lustering and embossing machine for leather and the like. Issued 6-24-30. (28)
- 1,768,409; Kuczorra Wilhelm. Advertising device. Issued 6-24-30. (28)
- 1,768,448; All. Schmidt Sche Heissdampf GmbH. High pressure steam generator. Issued 6-24-30. (28)
- 1,768,629; Radbruch Franz Carl Theodor. Apparatus for closing milk bottles with cardboard dosls. Issued 7-1-30. (28)
- 1,768,632; All. Kaltechemie GmbH. Liquid mixture of low freezing point. Issued 7-1-30. (28)
- 1,768,779; Niemann Karl. Protective device for high tension circuits. Issued 7-1-30. (28)
- 1,768,898; Fischer Ernest. Orthopedic appliance. Issued 7-1-30. (34)
- 1,768,961; All. Sachsenwerk Licht und Kraft A G. Multipolar oil break switch. Issued 7-1-30. (28)
- 1,769,217; Franz Theodor. Process for dressing coal lignite and like materials. Issued 7-1-30. (28)
- 1,769,413; All. Bamag Meguin A G. Screening plant. Issued 7-1-30. (28)
- 1,769,648; All. Raschig Dr. F. Method of manufacturing chlorothymol. Issued 7-1-30. (28)
- 1,769,673; Blaschke Philipp. Switch device for automatic oil pressure control and signaling apparatus. Issued 7-1-30. (6)
- 1,769,674; All. Osterreichische Telefonfabrik A G. Relay. Issued 7-1-30. (6)
- 1,769,741; Kurokawa Kensuke. Machine for manufacturing hollow rubber balls. Issued 7-1-30. (39)
- 1,769,747; Major Emil. Device for the care of the teeth and mouth. Issued 7-1-30. (34)
- 1,769,748; All. Kroger and Co. Device for spraying cosmetics and other liquids. Issued 7-1-30. (28)
- 1,769,750; Niemann Gustav. Crane. Issued 7-1-30. (28)
- 1,769,752; Pais Alexander. Heating device with heat accumulators. Issued 7-1-30. (57)
- 1,769,830; Gioni Ulderico. Automatic alarm clock for hotels. Issued 7-1-30. (38)
- 1,769,848; Lebensart Salamon. Ignition device for projectiles. Issued 7-1-30. (6)
- 1,769,861; All. Rheinische Metallwaaren und. Fuse setting machine. Issued 7-1-30. (28)
- 1,769,896; Blank Ernst. Tobacco cartridge for pipes. Issued 7-1-30. (28)
- 1,770,008; Pabst Richard. Heating device for therapeutic baths. Issued 7-8-30. (28)
- 1,770,100; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 7-8-30. (28)
- 1,770,135; All. Rheinische Metallwaaren und. Automatic firearm with sliding barrel and locked breech. Issued 7-8-30. (28)
- 1,770,228; Diezmann Arno. Bearing adjusting means. Issued 7-8-30. (28)
- 1,770,237; Kondo Rennosuke. Cooling device for internal combustion engines. Issued 7-8-30. (39)
- 1,770,312; All. Brehmer Gebruder Maschinenfabrik. Machine for folding paper. Issued 7-8-30. (28)
- 1,770,314; Lancia Vincenzo. Driving gear for vehicles. Issued 7-8-30. (38)
- 1,770,329; Van Hulst Laurens. Tilt for covering open trucks. Issued 7-8-30. (28)
- 1,770,336; Gruber Franz. Lead pencil sharpener. Issued 7-8-30. (28)
- 1,770,340; Lawaczek Franz. Siphon spillway. Issued 7-8-30. (28)
- 1,770,412; Leuchs Karl. Process of treating artificial silk made from viscose. Issued 7-15-30. (28)
- 1,770,432; All. Pintsch Julius A G. Gas meter. Issued 7-15-30. (28)
- 1,770,488; Lachamp Edmond et al. Deep boring apparatus. Issued 7-15-30. (6)
- 1,770,489; Loffler Stephan. Method of regulating the operation of steam generators. Issued 7-15-30. (28)
- 1,770,505; Aeldert August. Machine for cleaning paper rags and the like. 7-15-30. (28)
- 1,770,562; Wagner Theodor Curt. Electric stop motion for looms. Issued 7-15-30. (28)
- 1,770,575; Ksoil Joseph. Aeroplane with supporting surface subdivided by gaps. Issued 7-15-30. (28)
- 1,770,577; Lebensart Salamon. Explosive missile. Issued 7-15-30. (6)
- 1,770,585; Steinruck Hermann. Screw tap. Issued 7-15-30. (28)
- 1,770,608; Fischer Hermann. Internal combustion engine. Issued 7-15-30. (28)
- 1,770,636; All. Sauerbrey G Maschinenfabrik A G. Apparatus for the destructive distillation of cereal husks and other vegetable waste. Issued 7-15-30. (28)
- 1,770,643; Giambertoni Andrea. Floor brush with electrical drive. Issued 7-15-30. (38)
- 1,770,652; Meiser Josef. Sheet piling in box form. Issued 7-15-30. (28)
- 1,770,671; Rudolph Wilhelm Georg. Rubber thread & method of connecting the same to shoes. Issued 7-15-30. (28)
- 1,770,696; All. Deutsche Telephonwerke und. Sluice for tubular dispatch systems. Issued 7-15-30. (28)
- 1,770,697; Horii Shinjiro. Stencil Sheet. Issued 7-15-30. (39)
- 1,770,719; Vohmann Fritz. Shunting apparatus for use on railways. Issued 7-15-30. (28)
- 1,770,734; All. I G Farbenindustrie A G. Manufacture of olefines. Issued 7-15-30. (28)
- 1,770,789; La Corsa Luigi Ughetti. Electrolyzer. Issued 7-15-30. (38)
- 1,770,793; Lombardini Luigi. Visible card file. Issued 7-15-30. (38)
- 1,770,814; All. Soc Invenzioni Brevetti Anonima. Pressure roller of machines for manufacturing felted sheets. Issued 7-15-30. (38)
- 1,770,894; Valerius Johann. Series switch. Issued 7-15-30. (28)
- 1,770,903; Wilichowski Godehard; Ach Narziss et al. Recording apparatus. Issued 7-22-30. (28)
- 1,770,940; Meissner Karl Leo. Method of manufacturing chemically pure aluminum by electrolysis. Issued 7-22-30. (28)
- 1,770,991; All. Bayerische Spiegelglas Fabriken. Manufacture of silvered glass. Issued 7-22-30. (28)
- 1,770,998; Schroder Hugo. Coke oven. Issued 7-22-30. (28)
- 1,771,068; Stubner Willy. Draft regulator for furnaces. Issued 7-22-30. (28)
- 1,771,084; All. Rheinische Metallwaaren und. Firearm arranged on mounting. Issued 7-22-30. (28)
- 1,771,091; All. Lawaczek GmbH. Electrolytic cell. Issued 7-22-30. (28)
- 1,771,099; R'ghetto Marco. Machine for centrifugally casting sleepers. Issued 7-22-30. (38)
- 1,771,132; All. Safat S A Fabrica Armi Torino. Device for reducing the rate of fire of automatic firearms. Issued 7-22-30. (38)
- 1,771,135; Muck Otto. Remote control plant for extensive power distributing systems. Issued 7-22-30. (28)
- 1,771,142; All. Kienzle Uhren Fabriken A G. Fare indicator. Issued 7-22-30. (28)
- 1,771,151; Treichel Otto. Process for extinguishing fires. Issued 7-22-30. (28)
- 1,771,190; Polcich Guenther. Primary cell. Issued 7-22-30. (6)
- 1,771,222; Kato Kitaro. Window. Issued 7-22-30. (39)
- 1,771,230; All. Soc Italiana Ernesto Breda Per. Adjustment of aeroplane ailerons. Issued 7-22-30. (38)
- 1,771,281; All. Demag A G. Electric hoisting gear. Issued 7-22-30. (28)
- 1,771,284; Berglin Joel. Radio control device. Issued 7-22-30. (28)
- 1,771,327; Dehne Karl. Holder for inlays tooth crowns and the like. Issued 7-22-30. (28)
- 1,771,390; All. Zelstoeffabrik Manuheim Waldhof. Twisting and reeling artificial silk. Issued 7-29-30. (28)
- 1,771,402; De Spuches Antonio. Method of propulsion by suction and repulsion. Issued 7-29-30. (38)
- 1,771,420; All. Vereingte Stahlwerke A G. Method of rolling tubes from hollow blocks. Issued 7-29-30. (28)
- 1,771,442; Lehmann Ernst Paul. Means for preventing strings from slipping off pulleys in toys and the like. Issued 7-29-30. (28)
- 1,771,449; Schieferstein Georg Heinrich. Method and means for supervising railroads. Issued 7-29-30. (28)
- 1,771,468; Schmitz Carl. Two speed drive for centrifugal separators. Issued 7-29-30. (28)
- 1,771,469; Tamamura Yusuke. Clip for the Ropewau car or the like. Issued 7-29-30. (39)
- 1,771,472; Wattmann John. Method of aluminum thermic welding. Issued 7-29-30. (28)
- 1,771,501; Magrini Luigi. Oil switch. Issued 7-29-30. (38)
- 1,771,505; Muller August. Stone crusher. Issued 7-29-30. (28)
- 1,771,517; Werner Fritz. Process for the production of a cooling liquid possessing a low freezing point. Issued 7-29-30. (28)
- 1,771,537; Grob Hugo. System and apparatus for electrical regulation. Issued 7-29-30. (28)

- 1,771,540; Jung Karl. Machine tool particularly a grinding machine. Issued 7-29-30. (23)
- 1,771,561; Gensecke Wilhelm. Distillation. Issued 7-29-30. (28)
- 1,771,564; Halbow Gustav. Composite jointed lever for the transmission of movement. Issued 7-29-30. (28)
- 1,771,608; Benzing Friedrich Ernest. Gear shift mechanism for motor vehicles. Issued 7-29-30. (28)
- 1,771,680; Ishisaka Sansaku. Apparatus for electroplating. Issued 7-29-30. (39)
- 1,771,719; Meyer Friedrich Wilhelm. Process of reactivating decolorizing carbon. Issued 7-29-30. (28)
- 1,771,727; Braun Johann Julius. Landing method and apparatus for flying machines. Issued 7-29-30. (28)
- 1,771,730; Marcks Rudolf. Flotation bag. Issued 7-29-30. (28)
- 1,771,756; Bartling Friedrich; Honigmann Ludwig et al. Revolving ring hearth oven. Issued 7-29-30. (28)
- 1,771,759; Kress Hubert. X ray apparatus. Issued 7-29-30. (28)
- 1,771,780; Garabello Francesco Giovanni. Internal combustion engine. Issued 7-29-30. (38)
- 1,771,800; Marek Joseph. Safety device for preventing the unauthorized use of automatic telephone apparatus. Issued 7-29-30. (34)
- 1,771,816; Petersen Waldmar. Regulating transformer. Issued 7-29-30. (28)
- 1,771,825; Takehara Tsunetaro. Automatic steering apparatus of automobiles. Issued 7-29-30. (39)
- 1,771,833; Arnold Gustav. Machine for making bolts screws and the like. Issued 7-29-30. (28)
- 1,771,838; Bierbichler Luise. Baby's sucking bottle. Issued 7-29-30. (28)
- 1,771,839; Brecht Emil. Process and machine for felting bats for hats. Issued 7-29-30. (28)
- 1,771,852; All. United Cigarette Machine Co A G. Dust collector. Issued 7-29-30. (28)
- 1,771,858; Mohr Felix. Hardness testing apparatus. Issued 7-29-30. (28)
- 1,771,882; Elsner Heinrich. Riveting machine. Issued 7-29-30. (28)
- 1,771,887; Fujii Kitaro. Thermocouple. Issued 7-29-30. (39)
- 1,771,928; Jung Hans. Filter press. Issued 7-29-30. (28)
- 1,771,946; Zapf Georg. Paper insulation for electric cables and the like. Issued 7-29-30. (28)
- 1,771,968; All. Schufabrik Hassia A G. Edge folding machine. Issued 7-29-30. (28)
- 1,772,065; Bangert Heinrich. Metal bar heating furnace. Issued 8-5-30. (28)
- 1,772,076; Feldmeyer Josef. Permutation lock. Issued 8-5-30. (28)
- 1,772,109; All. Sächsische Maschinenfabrik Vorm. Means for imparting a false twist to textile rovings. Issued 8-5-30. (28)
- 1,772,154; Martin Robert. Visible record file. Issued 8-5-30. (28)
- 1,772,201; All. Vereinigte Stahlwerke A G. Sole plate for points. Issued 8-5-30. (28)
- 1,772,227; Revelli Bethel Abiel. Four barreled pistol. Issued 8-5-30. (38)
- 1,772,269; All. Rhenania Verein Chemisches Fabriken. Process for transforming the barium and strontium sulphates. Issued 8-5-30. (28)
- 1,772,291; All. Elfa Elektrotechnische Fabrik. Electric switch. Issued 8-5-30. (28)
- 1,772,307; Doebler Adolf. High pressure water tube boiler with divided header. Issued 8-5-30. (28)
- 1,772,309; Forssman Villehad Henrik. Pencil. Issued 8-5-30. (28)
- 1,772,318; Lontke Robert. Machine for coating sheets with bronze powder and the like. Issued 8-5-30. (28)
- 1,772,399; All. Still Carl Firm. Distillation or like column. Issued 8-5-30. (28)
- 1,772,402; All. Still Carl Firm. Operating device for coke oven doors. Issued 8-5-30. (28)
- 1,772,410; Abel August. Method and device for producing stroboscopic light effects. Issued 8-5-30. (28)
- 1,772,429; Petsch Hermann. Coke oven. Issued 8-5-30. (28)
- 1,772,675; Muller Paul. Shaving apparatus. Issued 8-12-30. (28)
- 1,772,688; Roano Alessandro. Single or double helical gear wheel with a plurality of axial pitches. Issued 8-12-30. (38)
- 1,772,721; Jung Karl. Grinding machine for finishing borings. Issued 8-12-30. (28)
- 1,772,769; Bauer Bruno. Cast iron core for the production of columns of braced reinforced concrete. Issued 8-12-30. (6)
- 1,772,799; Dietrich Friedrich Richard. Dirigible headlight. Issued 8-12-30. (28)
- 1,772,813; All. Knorr Bremse A G. Brake apparatus for aircraft. Issued 8-12-30. (28)
- 1,772,817; All. Rochling Sche Eisen Und Stahlwerke. Bearing for rolls in rolling mills. Issued 8-12-30. (28)
- 1,772,828; Egersdorfer Fritz. Fuel pump for internal combustion engines. Issued 8-12-30. (28)
- 1,772,832; Hildebrand Wilhelm. Compressed air brake. Issued 8-12-30. (28)
- 1,772,873; Memini Giacomo. Carburetor. Issued 8-12-30. (38)
- 1,772,888; Elia Giovanni Emanuele. Net for the capture of undersea boats and oversea ships. Issued 8-12-30. (38)
- 1,772,897; Jaeger Paul. Undercoating for accelerating the time of drying of oil paints and enamels. Issued 8-12-30. (28)
- 1,772,921; Tausz Jenö. Process for purifying hydrocarbon oils. Issued 8-12-30. (28)
- 1,772,928; All. Waggonfabrik A G. Wheel frame for rail vehicles. Issued 8-12-30. (28)
- 1,772,949; Jacoby Hermann. Vehicle tire pressure indicator. Issued 8-12-30. (28)
- 1,772,952; Knoth Georg. Manufacture of soldering pastes. Issued 8-12-30. (28)
- 1,772,963; Schmidt Kurt. Antileakage device. Issued 8-12-30. (28)
- 1,772,969; Takeucki Nakaji. Menstruation band. Issued 8-12-30. (39)
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- 1,772,995; Hastedt Johann Friedrich. Machine for making dough ware. Issued 8-12-30. (28)
- 1,773,012; All. Lindes Ges Eismaschinen A G. Process for the separation of gas mixtures. Issued 8-12-30. (28)
- 1,773,033; Engels Robert. Automatic brake shoe adjusting apparatus. Issued 8-12-30. (6)
- 1,773,038; All. Felten and Gulleaume Carlswerk A G. Stranding machine for the manufacture of wire ropes free from twist. Issued 8-12-30. (28)
- 1,773,047; Lawaczek Franz. Railway system. Issued 8-12-30. (28)
- 1,773,056; Meyer Otto. Process of producing starch capable of swelling in cold water. Issued 8-12-30. (28)
- 1,773,059; Ohno Tadaski. Sash balance. Issued 8-12-30. (39)
- 1,773,062; Rothschild Heinrich. Running horse. Issued 8-12-30. (28)
- 1,773,065; Suitsu Kosaku. Stand for motor cycles. Issued 8-12-30. (39)
- 1,773,140; Heylandt Christian Wilhelm Paul. Method of preparing compressed gases. Issued 8-19-30. (28)
- 1,773,145; Kassner Ernst. Calculating machine. Issued 8-19-30. (28)
- 1,773,156; Thomka Zoltan. Device for preventing creep in railway rails. Issued 8-19-30. (34)
- 1,773,158; Zocher Curt. Foundation for embroidery. Issued 8-19-30. (28)
- 1,773,228; All. Schnellpressenfabrik Akt Ges. Grinding and separating mill. Issued 8-19-30. (28)
- 1,773,232; Lenders Mathias. Fabric stretching machine. Issued 8-19-30. (28)
- 1,773,239; All. Automaten & Fuellungs Manufaktur. Automatic weighing machine. Issued 8-19-30. (28)
- 1,773,262; De Tovaros Julius Fischer. Current collector for electric vehicles. Issued 8-19-30. (34)
- 1,773,288; All. Flat Soc A. Transmission gearing. Issued 8-19-30. (38)
- 1,773,384; Wolf Felix. Manufacture of glace fabrics. Issued 8-19-30. (6)
- 1,773,392; All. Rheinische Metallwaaren und. Calculating machine for all species. Issued 8-19-30. (28)
- 1,773,441; All. Soc Italiana Ernesto Breda Per. Machine gun and other automatic firearm. Issued 8-19-30. (38)
- 1,773,491; Malyoth Gunther. Method of producing the blast required for blast furnace or similar plants by means of calcium carbide. Issued 8-19-30. (28)
- 1,773,501; All. Leber Max. Table convertible to a chair. Issued 8-19-30. (6)
- 1,773,533; Kattwinkel Hans. Friction body. Issued 8-19-30. (28)
- 1,773,568; All. Deckel Prazisionsmechnik. Gear transmission. Issued 8-19-30. (28)
- 1,773,664; Eberle Wilhelm. Transportable guiding device for cutting burners. Issued 8-19-30. (28)
- 1,773,700; Strudel Paterne. Unraveling machine. Issued 8-19-30. (28)
- 1,774,242; Schneider Arno. Splash guard for vehicle wheels. Issued 8-26-30. (28)
- 1,774,256; Egli Arnold. Form cylinder for intaglia printing. Issued 8-26-30. (28)
- 1,774,293; All. Rheinische Metallwaaren und. Power producing system. Issued 8-26-30. (28)
- 1,774,341; All. Metallgesellschaft A G. Active carbon product and process for preparing same. Issued 8-26-30. (28)
- 1,774,366; All. Bergwerksverband Zur Verwertung Von. Chemical apparatus. Issued 8-26-30. (28)
- 1,774,384; All. I G Farben Industrie A G. Process of preparing homogeneous alloys of lead. Issued 8-26-30. (28)
- 1,774,394; Mueller Wilhelm. Gas off take pipe for fuel distillation retorts and coke ovens. Issued 8-26-30. (28)
- 1,774,399; All. Mauler Carl. Process for making nonalcoholic beverages. Issued 8-26-30. (6)
- 1,774,426; Erichsen Abraham M. Chill mold for casting noniron metals. Issued 8-26-30. (28)
- 1,774,489; Sarason David. Strip of sticking plaster. Issued 8-26-30. (28)
- 1,774,507; All. I G Farbenindustrie A G. Process of concentrating aqueous chloroacetaldehyde solutions. Issued 9-2-30. (28)
- 1,774,516; Kilchling Karl. Torsion balance for gravitational measurements. Issued 9-2-30. (28)
- 1,774,546; Claassen Hermann. Manufacture of baking yeast. Issued 9-2-30. (28)
- 1,774,554; Honigmann Ludwig et al; Bartling Friedrich. Apparatus for the recovery of dry distillation material. Issued 9-2-30. (28)
- 1,774,560; All. Chemische Fabriken Kunheim Co. A G. Sodium sulphide drops and method for making them. Issued 9-2-30. (28)
- 1,774,633; Bronn Jegor Israel et al; Fischer Georg. Process for the separation of. Issued 9-2-30. (28)
- 1,774,654; All. Siemens Schuckertwerke GmbH. Apparatus for generating steam. Issued 9-2-30. (28)
- 1,774,658; Muller Emil J. Fluid switch. Issued 9-2-30. (28)



- 1,774,669; Reehsing Ludwig Heinrich. Intermittently working refrigerator of the absorption type. Issued 9-2-30. (28)
- 1,774,712; All. Oscar Kohorn & Co. Process of making high grade viscose products. Issued 9-2-30. (28)
- 1,774,729; All. Motorenfabrik Deutz A G. Regulating device for multicylinder explosion motors. Issued 9-2-30. (28)
- 1,774,771; Stejskal Karl. Process for the production of nutritive substances. Issued 9-2-30. (6)
- 1,774,788; Contri Giovanni Dall Otto. Mechanical damper. Issued 9-2-30. (38)
- 1,774,798; Lentz Authur. Combined sorting and feeding machine. Issued 9-2-30. (28)
- 1,774,816; Schultz Hermann. Crucible for aluminothermic reactions. Issued 9-2-30. (28)
- 1,774,858; All. Deutsche Gasgluhlicht Auer GmbH. Method of unitting laminated materials. Issued 9-2-30. (28)
- 1,774,889; Kanning Wilhelm et al; Buschmann Oskar. Washout plug. Issued 9-2-30. (28)
- 1,774,922; All. I G Farbenindustrie A G. Supporting structure for rollers. Issued 9-2-30. (28)
- 1,774,955; Wagner Reinhold Richard. Gas holder. Issued 9-2-30. (28)
- 1,774,961; Buchholz Max. Optical protection of electrical apparatus. Issued 9-2-30. (28)
- 1,775,011; Wichmann Albert. Fastening for wearing apparel. Issued 9-2-30. (28)
- 1,775,018; Coenen Jacob. Container for gramophone disk records. Issued 9-2-30. (28)
- 1,775,068; All. Fabrica Italiana Di Penne A. Fountain pen. Issued 9-2-30. (38)
- 1,775,109; Picker Rodolphe. Centrifuge tube and spoon therefor. Issued 9-9-30. (34)
- 1,775,136; All. Telephon Apparat Fabrik E Zweitusch. Dipping solution for electric condensers. Issued 9-9-30. (28)
- 1,775,175; All. I G Farbenindustrie A G. Production of artificial masses from casein. Issued 9-9-30. (28)
- 1,775,248; Kuchenmeister Heinrich. Method of and apparatus for increasing the volume of mechanically reproduced sounds. Issued 9-9-30. (28)
- 1,775,283; Juster Louis. Pedal operated beating mechanism for drums. Issued 9-9-30. (6)
- 1,775,369; Moog Otto. Roller grinding mill. Issued 9-9-30. (28)
- 1,775,442; Sarason David. Apparatus for the hot treatment of parts of the body. Issued 9-9-30. (28)
- 1,775,456; Grune Max. Apparatus for the manufacture of patterns for pressing molds and stamps. Issued 9-9-30. (28)
- 1,775,484; Brainich Ernst. Tank for transportation of volatile liquids. Issued 9-9-30. (28)
- 1,775,555; Dorndorf Heinrich. Method and device for making ribbed tubes with smooth ribs. Issued 9-9-30. (28)
- 1,775,570; All. Chemisch Technische GmbH. Apparatus for the carbonization of fuel. Issued 9-9-30. (28)
- 1,775,575; Spiegl Bela. Manufacture of alumina cement. Issued 9-9-30. (34)
- 1,775,581; Baer Alfred. Rotary valve for internal combustion engines. Issued 9-9-30. (28)
- 1,775,590; All. I G Farbenindustrie A G. Process for the extraction of fat from raw wool. Issued 9-9-30. (28)
- 1,775,595; Lieske Bernhard. Air piping device in connection with sunken submarine boats. Issued 9-9-30. (28)
- 1,775,604; Schulz Josef. Traffic airship of the rigid type. Issued 9-9-30. (28)
- 1,775,641; Haertl Paul. Sampling device and the like. Issued 9-16-30. (28)
- 1,775,787; All. Shutte Alfred H. Screw cutting lathe and like turning engine. Issued 9-16-30. (28)
- 1,775,819; Fischer Herbert et al; Grodnitzky Lasar. Cooling device. Issued 9-16-30. (28)
- 1,775,839; All. Bek Ernst Gideon. Art of soldering the links of wire chains or chain mesh. Issued 9-16-30. (28)
- 1,775,871; Schauburger Viktor. Method and apparatus for assorting timber. Issued 9-16-30. (6)
- 1,775,874; Sonnet Ernst. Chaplet. Issued 9-16-30. (28)
- 1,775,904; Kassebaum Heinrich. Pantomographic scribing instrument. Issued 9-16-30. (28)
- 1,775,907; All. United Cigarette Machine Co A G. Apparatus for loosening and removing dust from tobacco. Issued 9-16-30. (28)
- 1,775,911; All. Badische Maschinenfabrik and. Nozzle. Issued 9-16-30. (28)
- 1,775,972; Schrelle Adolf et al; Lenz Johann. Drawing and pushing device for central couplings of vehicles. Issued 9-16-30. (6)
- 1,776,002; Korber Heinrich. Process of producing a substance for obtaining a high gloss and pure white color on paper and the like. Issued 9-16-30. (6)
- 1,776,031; All. Ludwig Firm Gebruder Maschinenfabrik. Liquid pump for the purpose of spinning mills. Issued 9-16-30. (28)
- 1,776,034; Krahn Heinrich. Dust cart. Issued 9-16-30. (28)
- 1,776,039; All. Riebeck Sche a Montanwerke A G. Refining of low boiling hydrocarbons. Issued 9-16-30. (28)
- 1,776,053; All. Gewerkschaft Wallram Abteilung. Apparatus for the manufacture of castings of difficulty meltable metals and metalloids. Issued 9-16-30. (28)
- 1,776,076; All. Brunsviga Maschinenwerke Grimme. Printing mechanism for calculating machines. Issued 9-16-30. (28)
- 1,776,077; Messer Adolf. Combined water seal and check valve. Issued 9-16-30. (28)
- 1,776,155; Kogel Gustav. Light sensitive layer and process of preparing it. Issued 9-16-30. (28)
- 1,776,162; Martinka Michael. Heat regenerator. Issued 9-16-30. (34)
- 1,776,164; Nolte Karl. Sheet piling of box shape. Issued 9-16-30. (28)
- 1,776,244; All. Rabald Willy. Shearing machine. Issued 9-23-30. (28)
- 1,776,261; Kreissig Ernst. Spring supported vehicle and machine element. Issued 9-23-30. (28)
- 1,776,312; Czencz Stephen. Toothbrush. Issued 9-23-30. (34)
- 1,776,336; Rohrbach Adolf. Float construction for hydro planes. Issued 9-23-30. (28)
- 1,776,361; Krenzler Emil. Lace braiding machine. Issued 9-23-30. (28)
- 1,776,535; All. Bekk Dr and Kaulen Chemische. Process of etching printing forms for intaglio printing planographic printing and the like. Issued 9-23-30. (28)
- 1,776,591; Liers Fritz. Casting mold. Issued 9-23-30. (28)
- 1,776,600; Schneider Otto. Electric switch. Issued 9-23-30. (28)
- 1,776,601; Schultz Hermann. Casting mold for aluminothermic rail welding. Issued 9-23-30. (28)
- 1,776,614; Bauer Adam. Fastening for garments. Issued 9-23-30. (28)
- 1,776,637; Ostermeier Johannes. Flash lamp. Issued 9-23-30. (28)
- 1,776,665; All. Maschinenfabrik Augsburg. Double acting gas engine with slot scavenging. Issued 9-23-30. (28)
- 1,776,689; Reinhard Hugo. Treating waste and low grade pigments. Issued 9-23-30. (28)
- 1,776,692; Kamide Jutaro. Projecting apparatus. Issued 9-23-30. (39)
- 1,776,705; Scaglia Gregorio. Safety device for projectiles grenades and the like. Issued 9-23-30. (38)
- 1,776,711; Unger Paul. Method for producing the teeth on files saws and similar tools. Issued 9-23-30. (28)
- 1,776,752; All. Edeleanu GmbH. Deodorizing petroleum hydrocarbon distillates. Issued 9-23-30. (28)
- 1,776,753; All. Edeleanu GmbH. Manufacture of lubricating oils. Issued 9-23-30. (28)
- 1,776,758; Helland Arthur. Automatic vending machine. Issued 9-23-30. (28)
- 1,776,787; All. Raguhn Anhalter Metallocheret. Net cathode. Issued 9-30-30. (28)
- 1,776,791; Herbst Paul. Submersible device. Issued 9-30-30. (28)
- 1,776,796; All. Rheinische Metallwaaren Und. Electrical projectile igniter. Issued 9-30-30. (28)
- 1,776,800; Weiskopf Otto. Calculating machine. Issued 9-30-30. (28)
- 1,776,807; Gosmann Walter. Hand fire extinguisher. Issued 9-30-30. (28)
- 1,776,811; Junkers Hugo. Navigation of aircraft. Issued 9-30-30. (28)
- 1,776,817; Mugler Julius. Double jet control device. Issued 9-30-30. (28)
- 1,776,897; All. Hesser Fr Maschinenfabrik A G. Measuring device for filling machines. Issued 9-30-30. (28)
- 1,776,913; Kruckenberg Franz. Method of obtaining entry and exit times of any desired length in railways with very close train sequence. Issued 9-30-30. (28)
- 1,777,107; All. Chemieprodukte GmbH. Method of protecting metal bodies from corrosive agencies. Issued 9-30-30. (28)
- 1,777,122; Lowenstein Hirsch. Process of working on beryllium sublimates containing sulphur and with a view to obtaining beryllium compounds. Issued 9-30-30. (28)
- 1,777,178; Pensotti Ezio. Method and device for dividing bread dough into cakes. Issued 9-30-30. (38)
- 1,777,183; All. I G Farbenindustrie A G. Liquid for producing low temperatures for cooling purposes. Issued 9-30-30. (28)
- 1,777,186; Thurkow Helmuth. Plow. Issued 9-30-30. (28)
- 1,777,190; Winkler Kurt. Wooden plate composed of separate plates or strips. Issued 9-30-30. (28)
- 1,777,199; All. Bezol Verband GmbH. Internal combustion engine. Issued 9-30-30. (28)
- 1,777,216; Meyer Ludwig. Polarimeter indicator. Issued 9-30-30. (28)
- 1,777,224; Reuther Johann Wilhelm. Packing device for automatic sack weighing machines. Issued 9-30-30. (28)
- 1,777,225; Rockstroh Walter. Printing machine. Issued 9-30-30. (28)
- 1,777,227; All. Miag Muhlenbau Und Industrie A G. Automatic bag weighing machine. Issued 9-30-30. (28)
- 1,777,234; All. Grubenholz Impragnierung GmbH. Process for preserving wood. Issued 9-30-30. (28)
- 1,777,242; Zerbone Remo. Device for fastening vehicle wheels. Issued 9-30-30. (38)
- 1,777,259; All. Ringfeder GmbH. Journal bearing. Issued 9-30-30. (28)
- 1,777,267; Loewenstein Hirsch. Method of recovering soluble beryllium compounds. Issued 9-30-30. (28)
- 1,777,276; Kegel Johannes. Machine for the production in molds of bodies covered with chocolate or similar plastic masses. Issued 9-30-30. (28)
- 1,777,361; All. United Cigarette Machine Co A G. means for turning cigarettes. Issued 10-7-30. (28)

- 1,777,404; All. Maschinenfabrik Augsburg Nurnberg. Mechanism for operating swinging doors of drum weirs. Issued 10-7-30. (28)
- 1,777,425; All. Chiffriermaschinen A G. Electric cipher writing machine. Issued 10-7-30. (28)
- 1,777,430; All. Wanderer Werke Vorm Winkhofer. Typewriter calculating machine. Issued 10-7-30. (28)
- 1,777,444; Miedbrodt Carl. Hydrogen generator. Issued 10-7-30. (28)
- 1,777,450; Rix Carl. Turbine. Issued 10-7-30. (28)
- 1,777,649; Oberascher Franz. Device for evacuating pumps. Issued 10-7-30. (6)
- 1,777,692; Fuss Herbert. Calculating apparatus. Issued 10-7-30. (28)
- 1,777,706; Strecker Ottheinrich. Method for producing printing images on printing plates. (28)
- 1,777,733; Reich Ernest. Electrical measuring instrument. Issued 10-7-30. (34)
- 1,777,751; All. I G Farbenindustrie A G. Producing cellulose. Issued 10-7-30. (28)
- 1,777,793; Grunhut Friedrich. Luminous character. Issued 10-7-30. (28)
- 1,777,825; All. Vereinigte Eisenbahn signalwerke. Electrically operated track switch. Issued 10-7-30. (28)
- 1,777,831; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,832; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,833; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,834; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,835; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,836; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,837; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,838; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,839; All. Soc Invenzioni Brevetti. Treating of animal skin products. Issued 10-7-30. (38)
- 1,777,841; All. Motorenfabrik Deutz A G. Two stroke cycle internal combustion engine equipped with scavenging pump annex. Issued 10-7-30. (38)
- 1,777,851; Kuhn Wilhelm. Hydraulic gear. Issued 10-7-30. (28)
- 1,777,853; All. Zeiss Frim Carl. Repeating theodolite. Issued 10-7-30. (28)
- 1,777,861; All. Jenaer Glaswerk Schott and Gen. Device for protecting the exhausting socket of vacuum glass vessels containing mercury. Issued 10-7-30. (38)
- 1,777,916; Schaffler Glossl Konrad. Method of manufacturing lowtension bridge fuses. Issued 10-7-30. (6)
- 1,777,920; Horii Shinjiro. Duplicator. Issued 10-7-30. (39)
- 1,777,937; All. Bosch Robert A G. Friction clutch. Issued 10-7-30. (28)
- 1,777,939; All. Aron Werke Elektrizitats A G. Summation indicating instrument. Issued 10-7-30. (28)
- 1,777,957; All. Deutsche Erdol A G. Gas purifying apparatus. Issued 10-7-30. (28)
- 1,777,969; All. Berndorfer Metallwarenfabrik. Steam heated vessel. Issued 10-7-30. (6)
- 1,777,974; Kaneko Shinuemon. Rat trap. Issued 10-7-30. (39)
- 1,777,982; Popp Karl. Hot air mat. Issued 10-7-30. (28)
- 1,777,996; Reckhard Julius. Incubator. Issued 10-7-30. (28)
- 1,778,026; Grob Hugo. Connection system for train lighting plants connected in parallel. Issued 10-14-30. (28)
- 1,778,039; Rogge Bernhard. Portable electric lamp. Issued 10-14-30. (28)
- 1,778,080; Kruckenberg Franz. Device for heating and ventilating suspended high speed railway cars. Issued 10-14-30. (28)
- 1,778,083; All. I G Farbenindustrie A G. Producing alumina. Issued 10-14-30. (28)
- 1,778,111; Kocks Fritz. Process of and apparatus for expanding blanks by rolling. Issued 10-14-30. (28)
- 1,778,205; Zepp Otto. Heating boiler. Issued 10-14-30. (28)
- 1,778,281; Sokeb Emanuel. Discharge funnel for kilns. Issued 10-14-30. (6)
- 1,778,285; Vorwerk Wilhelm. Hose or stocking supporter. Issued 10-14-30. (28)
- 1,778,287; Beck Heinrich. Device for recording the condition of railway tracks. Issued 10-14-30. (28)
- 1,778,288; Bicheroux Max. Grinding and polishing glass plates. Issued 10-14-30. (28)
- 1,778,318; Haas Hermann. Drying apparatus. Issued 10-14-30. (28)
- 1,778,326; Kutzer Adolf. Sink for the separation of volatile liquids from waste water. Issued 10-14-30. (28)
- 1,778,362; Heinemann Fritz. Railway track construction. Issued 10-14-30. (28)
- 1,778,369; All. Mix & Genest A G. Pneumatic dispatch system. Issued 10-14-30. (28)
- 1,778,374; Spielmann Emerich. Electric music instrument. Issued 10-14-30. (6)
- 1,778,390; All. Fabrik Explosionssicherer. Dispensing apparatus. Issued 10-14-30. (28)
- 1,778,394; Krell Otto. Ballasting device for moored dirigibles. Issued 10-14-30. (28)
- 1,778,444; All. Haefeli Arnold. Carburetor. Issued 10-14-30. (28)
- 1,778,494; Gronwald August Friedrich. Universal attachment for lathes. Issued 10-14-30. (28)
- 1,778,501; Lehmann Gerhard P. Well drilling system. Issued 10-14-30. (57)
- 1,778,645; All. Suddeutsche Telefonapparate. Electrical alternating current rectifier. Issued 10-14-30. (28)
- 1,778,665; All. Gebruder Siemens & Co. Manufacture of resistor rods with thickened portions. Issued 10-14-30. (28)
- 1,778,784; All. Schering Kahlbaum A G. Making hydroxy compounds of pyridine. Issued 10-21-30. (28)
- 1,778,850; Duisenberg Georg. Roller skate. Issued 10-21-30. (28)
- 1,778,863; Maly Germann. Treating fabrics. Issued 10-21-30. (28)
- 1,778,868; All. Her mes Magyar Altalanos Valtouzelet. Carburetor. Issued 10-21-30. (34)
- 1,778,961; Peyinghaus Walter. Armoring of brasses or steps for bearings. Issued 10-21-30. (28)
- 1,778,977; All. Vereinigte Stahlwerke A G. Follower for line templates. Issued 10-21-30. (28)
- 1,778,993; Akimoff Nicholas. Ships structure. Issued 10-21-30. (38)
- 1,779,002; Kawamori Matajiro. Automatically inking numbering machine. Issued 10-21-30. (39)
- 1,779,004; Krell Joseph. Card file of the sight type. Issued 10-21-30. (28)
- 1,779,009; Negro Luigo. Nozzle. Issued 10-21-30. (57)
- 1,779,014; Schafer Richard et al; Meier Andreas. Tire interliner. Issued 10-21-30. (28)
- 1,779,021; Taschner Wilhelm. Skein yarn beating machine. Issued 10-21-30. (28)
- 1,779,078; Rohrbach Adolf. Engine cooling system for hydro aeroplanes. Issued 10-21-30. (28)
- 1,779,079; All. Atlas Werke Pohler & Co. Shoemaking machine. Issued 10-21-30. (28)
- 1,779,092; Harter Hans. Apparatus for carrying out exothermic catalytic gas reactions. Issued 10-21-30. (28)
- 1,779,093; All. Schuler L A G. Press. Issued 10-21-30. (28)
- 1,779,130; Hepp Friedrich. Machine for assembling newspapers periodicals and the like. Issued 10-21-30. (28)
- 1,779,185; Meiser Josef et al; Kohler Wilhelm. Apparatus for the production of section iron with box shaped cross sections. Issued 10-21-30. (28)
- 1,779,229; All. Hawenta Platten GmbH. Process of producing well adhering coatings on asbestos cement slate plates. Issued 10-21-30. (28)
- 1,779,233; Harms Hinrich. Stalk divider for mowing machines. Issued 10-21-30. (28)
- 1,779,287; All. Deutsche Gasolin A G. Process for the separation of fatty or waxlike bodies from their solutions. Issued 10-21-30. (28)
- 1,779,309; All. Felten & Guillaume Fabrik. Method of and apparatus for manufacturing strands for wire ropes. Issued 10-21-30. (6)
- 1,779,310; All. Maschinenfabrik Augsburg Nurnberg. Tripping mechanism for printing presses. Issued 10-21-30. (28)
- 1,779,345; All. I G Farbenindustrie A G. Condensation products obtainable from unsaturated higher fatty acids and phenols. Issued 10-21-30. (28)
- 1,779,486; Melamid Michael. Splitting up of mineral oils. Issued 10-28-30. (28)
- 1,779,524; Zaszka Engelbert. Helicopter. Issued 10-28-30. (28)
- 1,779,549; All. Lawaczek GmbH. Power plant. Issued 10-28-30. (28)
- 1,779,590; Eilers Johann. Web for swimming. Issued 10-28-30. (28)
- 1,779,753; Schlumbohm Peter. Bidet. Issued 10-28-30. (28)
- 1,779,757; Streckert Karl. Hydraulic change speed gearing. Issued 10-28-30. (28)
- 1,779,863; Tschorner Ludwig. Television apparatus. Issued 10-28-30. (6)
- 1,779,880; Holzmann Anna. House boat adapted to be taken to pieces. Issued 10-28-30. (6)
- 1,779,909; Haagen Max. Nonskid wheel. Issued 10-28-30. (28)
- 1,779,923; Wagner Emanuel. Device for transforming a rotary motion into a reciprocating motion. Issued 10-28-30. (34)
- 1,779,970; Grob Hugo. Device for pushing over a lever upon reversal in the direction of rotation of a shaft. Issued 10-28-30. (28)
- 1,779,974; Mock Nate. Ash tray. Issued 10-28-30. (28)
- 1,779,992; Stump Matthaues et al; Reyher Kurt. Device for ascertaining the energy spent during rowing. Issued 10-28-30. (28)
- 1,780,702; Dornig Walter. Constant speed multifrequency electrical generating apparatus. Issued 11-4-30. (28)
- 1,780,721; Scheidmandel Hans. Device for the manufacture of doweled wooden boards. Issued 11-4-30. (28)
- 1,780,807; All. Stern Ges Fur Moderne Grundbautchnik. Pile. Issued 11-4-30. (6)
- 1,780,816; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 11-4-30. (28)
- 1,780,819; Godefroid Armand. Coin assorter. Issued 11-4-30. (28)
- 1,780,822; Honda Kotaro. Machine for testing and quantitatively indicating the cutting power and durability of blades and cutlery. Issued 11-4-30. (39)



- 1,780,829; All. Elite Diamantwerke A G. Piston for internal combustion engines. Issued 11-4-30. (28)
- 1,780,844; Shulze Hans F. Applying nitrocellulose varnishes. Issued 11-4-30. (28)
- 1,780,876; Grosse Carl. Vibratory apparatus. Issued 11-4-30. (28)
- 1,780,931; Konigsberger Walter. Garter. Issued 11-11-30. (28)
- 1,780,939; Patz Alexander. Switch operating mechanism for electric railways. Issued 11-11-30. (34)
- 1,780,944; All. Norddeutsche Affinerie method for refining antimony by electrolysis of acid electrolytes. Issued 11-11-30. (28)
- 1,780,946; Schroder Heinrich. Umbrella. Issued 11-11-30. (28)
- 1,780,947; Schron Hans. Crank Shaft. Issued 11-11-30. (28)
- 1,780,972; Di Neuberg Ferdinando Bruschi. Fluid operated apparatus for lifting automobile wheels. Issued 11-11-30. (38)
- 1,780,978; All. I G Farbenindustrie A G. Process for the securing of welds on bended bodies. Issued 11-11-30. (28)
- 1,780,983; All. I G Farbenindustrie A G. Tanning agent. Issued 11-11-30. (28)
- 1,780,992; Beckers Arnold. Coking oven. Issued 11-11-30. (28)
- 1,781,048; Braunstein Schullm. Container for storage and transport of liquefied gases. Issued 11-11-30. (28)
- 1,781,194; All. Maschinenfabrik Augsburg. Two cycle engine with slot scavenging and airless fuel injection. Issued 11-11-30. (28)
- 1,781,231; All. Werdohler Pumpenfabrik Paul. Artificial silk spinning machine. Issued 11-11-30. (28)
- 1,781,236; Lilje Friedrich. Whirl burner. Issued 11-11-30. (28)
- 1,781,243; Oreggia Vittorio. Closure for boxes and cases. Issued 11-11-30. (38)
- 1,781,254; All. Drager Otto Heinrich. Gas protective or breathing filter. Issued 11-11-30. (28)
- 1,781,313; Blau Fritz. Picture. Issued 11-11-30. (28)
- 1,781,323; De Tovaros Julius Fischer. Current collector for electric railways. Issued 11-11-30. (34)
- 1,781,333; All. Lehmann Ernst Paul. Toy. Issued 11-11-30. (28)
- 1,781,346; Schmidt Karl. Dust cart. Issued 11-11-30. (28)
- 1,781,349; Tauschek Gustav. Pawl. Issued 11-11-30. (6)
- 1,781,365; Burgmann Robert. Packing or tightening plate. Issued 11-11-30. (28)
- 1,781,370; Debor Hermann. Process for manufacturing raw caoutchouc plates. Issued 11-11-30. (28)
- 1,781,451; Eckstein Gustav. Means for making double sided molds. Issued 11-11-30. (28)
- 1,781,485; All. I G Farbenindustrie A G. Generating power in internal combustion engines. Issued 11-11-30. (28)
- 1,781,567; All. Rohrbogenwerk GmbH. Apparatus for producing bent pipes of correct prescribed lengths. Issued 11-11-30. (28)
- 1,781,568; Broeker Friedrich. Steam drying or water separating apparatus for steam power plants. Issued 11-11-30. (28)
- 1,781,615; Von Leesen Emil. Pendulum hardness tester. Issued 11-11-30. (28)
- 1,781,659; Bartling Friedrich. Process for the thermal treatment of pulverulent material. Issued 11-11-30. (28)
- 1,781,693; Mewes Karl Eduard Rudolf. Process for liquefying and separating gas mixtures. Issued 11-18-30. (28)
- 1,781,724; All. Rheinische Metallwaren und Spring arrangement. Issued 11-18-30. (28)
- 1,781,745; Bollmann Hermann. Apparatus for distilling fatty acids. Issued 11-18-30. (28)
- 1,781,749; All. Schmidtsche Heissdampf GmbH. Apparatus for maintaining a predetermined water level in steam boilers. Issued 11-18-30. (28)
- 1,781,764; All. Schmidtsche Heissdampf GmbH. Indirectly heated generator. Issued 11-18-30. (28)
- 1,781,765; Schumacher Ernst. Generator or producer. Issued 11-18-30. (28)
- 1,781,768; Spiess Georg. Folding machine. Issued 11-18-30. (28)
- 1,781,946; Christel Karl. Machine for cleaning the matrices for type setting and casting machines. Issued 11-18-30. (28)
- 1,781,954; Petersen Hugo. Manufacture of sulphuric acid. Issued 11-18-30. (28)
- 1,781,956; Rugamer Andreas. Hygienic dental burr cleaning apparatus. Issued 11-18-30. (28)
- 1,781,984; Krantz Hubert. Centrifugal extractor. Issued 11-18-30. (28)
- 1,781,993; All. Kandt Rudolf. Brake mechanism with brake block for motor vehicles. Issued 11-18-30. (28)
- 1,781,998; All. Magnet Werke GmbH. Magnetic separator. Issued 11-18-30. (28)
- 1,782,006; Kremmling Otto. Automatic dough dividing and working machine. Issued 11-18-30. (28)
- 1,782,038; All. I G Farbenindustrie AKG. Conversion of salts into globular or similar shaped bodies. Issued 11-18-30. (28)
- 1,782,153; Szepsy Ludovic et al; Windisch Ignacz. Rail tie. Issued 11-18-30. (57)
- 1,782,210; Nose Toichi. Aeroplane. Issued 11-18-30. (39)
- 1,782,252; Beyer Heinrich. Liquid pump. Issued 11-18-30. (28)
- 1,782,254; Breidenbach Max. Game. Issued 11-18-30. (28)
- 1,782,265; Haase Oto. Steering mechanism for vehicles. Issued 11-18-30. (28)
- 1,782,273; Riemann Otto. Press. Issued 11-18-30. (28)
- 1,782,274; Sahner Emil. Clock actuated calendar. Issued 11-18-30. (28)
- 1,782,276; Seifarth Ernst Theodor. Bedcover frame. Issued 11-18-30. (28)
- 1,782,278; Vogt Hans. Vibrating condenser. Issued 11-18-30. (28)
- 1,782,279; Werner Pauline nee Fresenius. Bust support. Issued 11-18-30. (28)
- 1,782,281; Yonekura Tarjo. Cylinder mold of paper making machines. Issued 11-18-30. (39)
- 1,782,301; Handle Karl. String molding press. Issued 11-18-30. (28)
- 1,782,309; All. Hundertfeuer GmbH moderne liquid spraying device. Issued 11-18-30. (28)
- 1,782,323; Spiess Georg. Cross folding machine. Issued 11-18-30. (28)
- 1,782,324; Tessky Karl. Shaft coupling. Issued 11-18-30. (28)
- 1,782,336; Bezner Hugo. Shirt collar. Issued 11-18-30. (28)
- 1,782,457; All. Officine S A di Villar Perosa. Shock absorber. Issued 11-25-30. (38)
- 1,782,462; All. Neufeldt & Kuhne. Arrangement for testing magnetizable objects. Issued 11-25-30. (28)
- 1,782,479; Sadtler Wilhelm. Toy weapon. Issued 11-25-30. (28)
- 1,782,537; Kloss Ulrich. Direct current railway system. Issued 11-25-30. (28)
- 1,782,540; All. Hostmann Steinberg Sche. Process and system for splitting hydrocarbons such as acetylene or the like. Issued 11-25-30. (28)
- 1,782,549; Stansfield Emilio et al; Brunner Emilio. Drawing frame. Issued 11-25-30. (38)
- 1,782,555; Weinstein Alfred. Animated device. Issued 11-25-30. (28)
- 1,782,561; Boldizar Frank. Self balancing plansifter. Issued 11-25-30. (34)
- 1,782,591; All. I G Farbenindustrie A G. Manufacture of alkyl formates. Issued 11-25-30. (28)
- 1,782,627; All. Muller Johann Carl. Cigar making machine. Issued 11-25-30. (38)
- 1,782,634; Schroder Edmund. Three phase one phase converter especially for electric resistance heating and welding machines. Issued 11-25-30. (28)
- 1,782,717; Drewell Heinrich. Means for automatically copying pictures and making printing plates for printing pictures etc. Issued 11-25-30. (28)
- 1,782,722; All. Diamant Samu Es Fial Messrs. Machine for ironing furs. Issued 11-25-30. (34)
- 1,782,868; All. Siemens Schuckertwerke A G. High speed vessel. Issued 11-25-30. (28)
- 1,782,918; Erb Karl. Decorticating & depulping machine. Issued 11-25-30. (28)
- 1,782,953; Andreas Arno. Screen for disintegrating machines. Issued 11-25-30. (28)
- 1,782,957; Dierks Wilhelm. Stirrer mechanism. Issued 11-25-30. (28)
- 1,783,001; Raetz Guglielmo. Apparatus for making weaving knots. Issued 11-25-30. (38)
- 1,783,103; All. Kuttner A G. Apparatus for washing bleaching and dyeing artificial silk in hanks or spinning cakes. Issued 11-25-30. (28)
- 1,783,110; Dedris Rudolf et al; Walder Robert. Manufacture of activated carbon. Issued 11-25-30. (6)
- 1,783,114; Georg Otto. Frictional screw spindle press. Issued 11-25-30. (28)
- 1,783,125; All. Koch & Te Koch. Card saving motion. Issued 11-25-30. (28)
- 1,783,133; Othmar Neuscheiler Johanna; Ohle Heinz et al; Ethyl alcohol gel. Issued 11-25-30. (28)
- 1,783,134; Orenstein Max. Continuous soldering. Issued 11-25-30. (28)
- 1,783,137; All. Bensa Felice. Process for manufacturing a green vat dyestuff from 1 12 perylene quinone. Issued 11-25-30. (38)
- 1,783,143; Schrempp Albert. Filter device. Issued 11-25-30. (28)
- 1,783,173; Hohner Jacob. Mouth organ. Issued 12-2-30. (28)
- 1,783,177; All. Rheinische Metallwaren und. Means for setting type levers. Issued 12-2-30. (28)
- 1,783,258; Opitz Georg. Letter of credit form. Issued 12-2-30. (28)
- 1,783,326; Bottner August. Window pane. Issued 12-2-30. (28)
- 1,783,450; Popper Otto. Dock ship for conveying river boats across the sea. Issued 12-2-30. (6)
- 1,783,499; Ellerbusch Hermann. Internal combustion engine. Issued 12-2-30. (28)
- 1,783,524; All. Vereinigte Stahlwerke A. G. Method of heating rolls. Issued 12-2-30. (28)
- 1,783,527; All. Rheinische Metallwaren und. Compensator for brush resistance voltage drop in motor control systems. Issued 12-2-30. (28)
- 1,783,555; Bamberger Otto. Tube transporting device. Issued 12-2-30. (28)
- 1,783,560; All. I G Farbenindustrie A G. Magnetic core. Issued 12-2-30. (28)
- 1,783,561; I G Farbenindustrie A G. Production of improved magnetic cores. Issued 12-2-30. (28)
- 1,783,577; All. Safat S. A. Fabbrica Armi Torino. Device for feeding cartridges and for cocking the striker in automatic firearms. Issued 12-2-30. (38)
- 1,783,593; Vollhardt Heinrich. Whipping top. Issued 12-2-30. (28)
- 1,783,648; All. Kruckenberg Franz. Rail supporting structure for long spans for high speed suspended vehicles. Issued 12-2-30. (28)
- 1,783,693; Bloch Max. Method and device for removing the hairs from the skin of fells. Issued 12-2-30. (28)
- 1,783,704; All. Typograph Ges M B H. Matrix setting and type line casting machine. Issued 12-2-30. (28)

- 1,783,725; All. I G Farbenindustrie A G. Recovery of sulphur from alkalimetal polysulphides. Issued 12-2-30. (28)
- 1,783,742; All. Gasmesserfabrik Mainz Elster and., Valve mechanism for gas meters. Issued 12-2-30. (28)
- 1,783,771; All. I G Farbenindustrie A G. Process of making cellulose esters of both nitric acid and an organic acid. Issued 12-2-30. (28)
- 1,783,819; All. Maschinenfabrik Augsburg Nuernberg. Rotary intaglio printing multi-machine. Issued 12-2-30. (28)
- 1,783,842; All. Schmidt Scheideisendampf Ges M B H. Multipressure oiler installation. Issued 12-2-30. (28)
- 1,783,857; Schmidt Friedrich Karl. Apparatus for preventing the passing of danger signals. Issued 12-2-30. (28)
- 1,783,858; All. Rohleder A. Valenciennes lace. Issued 12-2-30. (28)
- 1,783,923; All. Kromer Theodor GmbH. Safety lock. Issued 12-2-30. (28)
- 1,783,943; Kassner Ernst. Combined duplex adding machine and cash register. Issued 12-2-30. (28)
- 1,784,074; Pauling Harry. Apparatus for the production of ammonia air mixtures. Issued 12-9-30. (28)
- 1,784,078; Simoni Armando. Device for automatically filling fountain pens. Issued 12-9-30. (38)
- 1,784,165; Tanaka Yoshio et al; Kuwata Tsutomu. Method of producing borneol and limonene. Issued 12-9-30. (39)
- 1,784,171; Bertling Herbert. Artificial lighting having a daylight effect. Issued 12-9-30. (28)
- 1,784,184; All. Suddeutsche Telefon Apparate. Long distance cable installation. Issued 12-9-30. (28)
- 1,784,188; All. Saibi Mojilami Kabushiki Kaisha. Operating mechanism for net making machines. Issued 12-9-30. (39)
- 1,784,191; Ludwig Hans. Shock absorber. Issued 12-9-30. (28)
- 1,784,254; Schofer Eugen. Machine for manufacturing metal chain mail. Issued 12-9-30. (28)
- 1,784,296; All. United Cigarette Machine Co A G. Process and device for improving cigarettes. Issued 12-9-30. (28)
- 1,784,304; All. Demag A G. Electrically operated edge driven roll. Issued 12-9-30. (28)
- 1,784,325; All. Rheinische Metallwaaren und. Barrel of firearms. Issued 12-9-30. (28)
- 1,784,339; All. Maschinenfabrik Beth A G. Filtering apparatus. Issued 12-9-30. (28)
- 1,784,346; Fobus Ludwig. Cooling means for castings. Issued 12-9-30. (28)
- 1,784,355; All. Rheinische Metallwaaren und. Automatic firearm with two cartridge magazines. Issued 12-9-30. (28)
- 1,784,427; Goerig Ernst. Rotary tempering furnace. Issued 12-9-30. (28)
- 1,784,443; All. Universelle Cigarettenmaschinen. Cigarette making machine. Issued 12-9-30. (28)
- 1,784,468; Soprani Mario. Bass key action for accordions. Issued 12-9-30. (38)
- 1,784,469; Soprani Mario. Piano key action for accordions. Issued 12-9-30. (38)
- 1,784,501; All. Rohrbach Metall Flugzeugbau. Process of manufacture of wedge shaped hollow bodies. Issued 12-9-30. (28)
- 1,784,545; All. Siemens Schuckertwerke A G. Drive for paper machines. Issued 12-9-30. (28)
- 1,784,582; Doppenschmitt Friedrich. Flexible structure. Issued 12-9-30. (28)
- 1,784,585; Eller Fritz. Coin controlled sales apparatus. Issued 12-9-30. (28)
- 1,784,600; Junghans Siegfried. Casting under pressure. Issued 12-9-30. (28)
- 1,784,611; Von Bogdandy Stephan Polanyi Michael et al. Method of producing bodies consisting of a plurality of thin alternately conducting and insulating layers. Issued 12-9-30. (28)
- 1,784,664; Eickholt Friedrich. Separator. Issued 12-9-30. (28)
- 1,784,698; Merk Friedrich. Telephone system. Issued 12-9-30. (28)
- 1,784,711; Suida Hermann. Process of recovering cresol from aqueous solutions of same. Issued 12-9-30. (6)
- 1,784,731; All. Brehmer Gebruder Maschinenfabrik. Paper folding machine. Issued 12-9-30. (28)
- 1,784,745; Nier Ernst Bruno. Means for effecting rotary operations in step presses. Issued 12-9-30. (28)
- 1,784,747; Peckelhoff Bruno. Fuel burner. Issued 12-9-30. (28)
- 1,784,769; All. Rhenania Kunheim Verein. Mold for casting sulphur. Issued 12-9-30. (28)
- 1,784,774; Avorio Luigi. Elastically deformable parachute. Issued 12-9-30. (38)
- 1,784,789; Jujii Isao. Matrix for typographical machines. Issued 12-9-30. (39)
- 1,784,791; Gruber Karl. Rolling mill. Issued 12-9-30. (28)
- 1,784,829; All. Lancier Peter. Underground cable pulling device. Issued 12-16-30. (28)
- 1,784,843; Losch Albert. Double pin holdfast. Issued 12-16-30. (28)
- 1,784,937; Kreslawsky Paul. Show article. Issued 12-16-30. (28)
- 1,784,943; Muller Ignaz. Separator for light liquids. Issued 12-16-30. (6)
- 1,785,045; Pedrini Eugenio. Carburetor for internal combustion engines. Issued 12-16-30. (38)
- 1,785,050; Schmid Alfred. Ceiling construction. Issued 12-16-30. (6)
- 1,785,129; Lehmann Ernst Paul. Means for connecting tubular members. Issued 12-16-30. (28)
- 1,785,142; Nerrlich Richard. Objective shutter. Issued 12-16-30. (28)
- 1,785,210; Renck Heinrich. Process for the production of printing. Issued 12-16-30. (28)
- 1,785,260; Horii Shinjiro. Stencil sheet. Issued 12-16-30. (39)
- 1,785,283; All. Hartstoff Metall A G. Hame-tag. Process for producing lamelliform metal powders. Issued 12-16-30. (28)
- 1,785,300; De La Tour Castellicala Filiberto. Rolling apron for airplane wings. Issued 12-16-30. (38)
- 1,785,448; All. Ikarus Internationale Patent Verwer. Stereoscopic measuring instrument. Issued 12-16-30. (28)
- 1,785,465; Von Diersburg Karl Freiherr Roeder. Moving lamp for signs and advertisements. Issued 12-16-30. (28)
- 1,785,484; Kastner Richard et al; Schmolka Herbert. Process of and apparatus for treating paperboard and the like. Issued 12-16-30. (6)
- 1,785,491; Messer Adolf. Method for the complete separation of liquid air into oxygen and nitrogen. Issued 12-16-30. (28)
- 1,785,551; All. Kienzle Uhrenfabriken A G. Automatic strike regulating means for clocks. Issued 12-16-30. (28)
- 1,785,555; All. Nöllesche Werke Komm Ges. Lasting machine. Issued 12-16-30. (28)
- 1,785,570; All. Nöllesche Werke Komm Ges. Tack feeding device. Issued 12-16-30. (28)
- 1,785,587; All. Siemens Bianiawerke A. G. Fur. Electrode joint. Issued 12-16-30. (28)
- 1,785,592; Nolze Ferdinand Johann. Electric gas purifier. Issued 12-16-30. (28)
- 1,785,606; Ullmann Friedrich. Preliminary treatment of metal plates for the production of printing plates. Issued 12-16-30. (28)
- 1,785,615; Caproni Gianni. Fuselage fitting. Issued 12-16-30. (38)
- 1,785,624; Haller Ludwig. Tooth clamp. Issued 12-16-30. (28)
- 1,785,628; Hellermann Paul Friedrich. Grip for electric cables. Issued 12-16-30. (28)
- 1,785,635; Lebedenko Nikolaus. Method of manufacture of photographic pictures on chromated gel layers. Issued 12-16-30. (28)
- 1,785,651; Romagnoli Tito. Sun heat motor. Issued 12-16-30. (39)
- 1,785,991; All. Maschinenfabrik Augsburg Nuernberg. Rotary printing machine for combined intaglio and relief printing. Issued 12-23-30. (28)
- 1,785,997; Blecher Carl. Method of securing accurate color value in color printing and color photography. Issued 12-23-30. (28)
- 1,786,009; All. Maschinenfabrik Augsburg Nuernberg. Apparatus for mixing liquids. Issued 12-23-30. (28)
- 1,786,095; All. Kenkyujo Zaidan Hojin Rikagaku. Process of extracting vitamin A from fish oils and the like. Issued 12-23-30. (39)
- 1,786,096; All. Nomanu Elektrische Apparate GmbH. Means for scraping off wooden surfaces. Issued 12-23-30. (28)
- 1,786,097; All. Heicke Adolf. Method of producing bicalcium phosphate from sulphurous solutions. Issued 12-23-30. (28)
- 1,786,127; Rado Charlos. Crown slitting pliers. Issued 12-23-30. (34)
- 1,786,159; Heylandt Christian Wilhelm Paul. Transferring liquefied gases. Issued 12-23-30. (28)
- 1,786,180; Von Trumbach Johannes. Drawing frame with passages for use on spinning machines. Issued 12-23-30. (28)
- 1,786,275; Von Trumbach Johannes. Device for stopping delivery in spinning and twisting machines on the breaking of thread. Issued 12-23-30. (28)
- 1,786,284; Bauer Bruno. Construction of the expansion joint of reinforced concrete structures. Issued 12-23-30. (6)
- 1,786,355; Markstein Robert Peter. Device for timely opening and closing the flap of fountain pens. Issued 12-23-30. (6)
- 1,786,361; Pahl August. Process for the production of filter sieves and sieves produced by such process. Issued 12-23-30. (28)
- 1,786,366; All. Vereinigte Stahlwerke A G. Cable transport drum. Issued 12-23-30. (28)
- 1,786,368; Stock Johann Jacob Friedrich. Method and device of synchronizing cinematographic performance and sound production. Issued 12-23-30. (28)
- 1,787,687; Koennecke Lothar. Weeding hoe. Issued 1-6-31. (28)
- 1,787,691; All. Schuler L A G. Adjustable eccentric. Issued 1-6-31. (28)
- 1,787,806; Weidmann Hans. Process for separating zinc sulphate from sodium sulphate. Issued 1-6-31. (28)
- 1,787,880; Ullmann Gustav. Bucking process for vegetable fibrous material. Issued 1-6-31. (6)
- 1,787,901; All. United Cigaret Machine Co. AKG. Device for reversing cigarettes. Issued 1-6-31. (28)
- 1,787,931; All. Siemens Schuckertwerke AKG. Quick break circuit breaker system for large currents. Issued 1-6-31. (28)
- 1,787,938; All. I G Farbenindustrie AKG. Foam flotation. Issued 1-6-31. (28)
- 1,787,949; Loblich Helmuth. Loblich Werner et al. Box closing device. Issued 1-6-31. (28)
- 1,788,055; Hahn Paul. Method of making oil gas. Issued 1-6-31. (28)
- 1,788,110; Junghans Helmut. Locking device for shafts of clockworks. Issued 1-6-31. (28)
- 1,788,175; Strobel Carl. Glass cutting tool. Issued 1-6-31. (28)
- 1,788,190; Dietrich Friedrich Richard. Turning gear for the headlights of vehicles. Issued 1-6-31. (28)
- 1,788,192; All. Deutsche Telephonwerke und Kabel. Computing machine. Issued 1-6-31. (28)



- 1,788,693; Stuting Heinrich. Roll bearings in universal rolling mills. Issued 1-13-31. (28)
- 1,788,718; Horten Alphons. Method for manufacturing concrete pipes. Issued 1-13-31. (28)
- 1,788,727; Maurer Georg. System for controlling the energizing of lamps on electric signs. Issued 1-13-31. (28)
- 1,788,742; Reifsgaard Anton Carl. Vehicle heater. Issued 1-13-31. (28)
- 1,788,777; Mundorf Emil. Washing and fulling of fabrics. Issued 1-13-31. (28)
- 1,788,781; All. I G Farbenindustrie A G. Solution and plastic. Issued 1-13-31. (28)
- 1,788,813; All. Kienzle Taxameter und Apparate A G. Synchronous motor for driving clocks and the like. Issued 1-13-31. (28)
- 1,788,816; All. Fein Apparate GmbH. Type inking device. Issued 1-13-31. (28)
- 1,788,836; Junkers Hugo. Directional controlling means for aircraft. Issued 1-13-31. (28)
- 1,788,837; All. Vereinigte Stahlwerke A G. Process for the manufacture of pipe shelves keystones ring stones and like articles. Issued 1-13-31. (28)
- 1,788,838; All. I G Farbenindustrie A G. Condensation of phosphorus. Issued 1-13-31. (28)
- 1,788,849; All. Hartmann and Braun A G. Radiant reading pyrometer. Issued 1-13-31. (28)
- 1,788,856; Bossone Raimondo. Percussion bomb for rifles or bomb firing appliances. Issued 1-13-31. (38)
- 1,788,890; All. Rheinische Metallwaren Und. Spring mounting of field guns. Issued 1-13-31. (28)
- 1,788,892; Glossl Konrad Schallfer. Dynamo electric igniting device. Issued 1-13-31. (6)
- 1,788,904; All. Bamag Meguin A G. Electrolytic cell for decomposing water. Issued 1-13-31. (28)
- 1,789,009; All. Rheinische Metallwaren Und. Method and means for setting type bodies. Issued 1-13-31. (28)
- 1,789,044; All. Kienzle Uhrenfabriken A G. Electrical striking mechanism for clocks. Issued 1-13-31. (28)
- 1,789,047; All. Schnellbett GmbH. Folding bed. Issued 1-13-31. (28)
- 1,789,053; Schudelsky Walter. Change Spur Gearing especially for motor cars. Issued 1-13-31. (28)
- 1,789,056; All. Flat S A. Clutch. Issued 1-13-31. (38)
- 1,789,088; Soprony I Julius. Bathing box. Issued 1-13-31. (34)
- 1,789,090; Wawrunek Leopold. Collapsible reclining chair. Issued 1-13-31. (6)
- 1,789,104; Kuchenmeister Heinrich. Transmitter for telephony. Issued 1-13-36. (28)
- 1,789,163; Tintner Fritz. Stretcher stand for vehicles. Issued 1-13-36. (6)
- 1,789,237; Kosfeld Friedrich Wilhelm. Screw tap. Issued 1-13-36. (28)
- 1,789,248; Mobius Theodor Paul. Lead pencil sharpener with case. Issued 1-13-36. (28)
- 1,789,255; Peyninghaus Walter. Means for lubricating axle bearings or journals. Issued 1-13-36. (28)
- 1,789,354; Dorner Bela. Process for deriving high grade cellulose from cottonseed hulls. Issued 1-20-31. (34)
- 1,789,473; All. Hofmann Heinrich. Carburetor. Issued 1-20-31. (28)
- 1,789,489; Merk Friedrich. Selector for automatic telephone exchanges. Issued 1-20-31. (28)
- 1,789,522; All. Kutter Leopold. Fountain pen holder. Issued 1-20-31. (6)
- 1,789,599; All. Maschinenfabrik Moenus A G. Sole laying machine. Issued 1-20-31. (28)
- 1,789,637; Pein Heinz. Receiving apparatus for electric telegraphs. Issued 1-20-31. (28)
- 1,789,643; Ardeit Robert. Coremaking for cast pipes. Issued 1-20-31. (28)
- 1,789,655; Iwata Toshi Ko. Window blind made of woven fabric. Issued 1-20-31. (39)
- 1,789,661; All. Mercedes Buro Maschinen und. Typewriting machine with power drives. Issued 1-20-31. (28)
- 1,789,662; Spieff Georg. Platen printing press. Issued 1-20-31. (28)
- 1,789,676; All. I G Farbenindustrie A G. Electrically driven spindle for spinning yarn. Issued 1-20-31. (28)
- 1,789,721; Alvermann Ewald. Production of seamless tubes. Issued 1-20-31. (28)
- 1,789,731; Essmann Friedrich August Albert. Combined oscillatory or retractable crane and weighing scale. Issued 1-20-31. (28)
- 1,789,779; All. Rheinische Metallwaren und. Barre' recoil gun having a fuse setting machine. Issued 1-20-31. (28)
- 1,789,783; Silberstrom Leo. Duplicating. Issued 1-20-31. (28)
- 1,789,800; Arnold Carl. Toy figure. Issued 1-20-31. (28)
- 1,789,872; All. Kruckenberg Franz. Arrangement for guiding suspended high speed railway vehicles. Issued 1-20-31. (28)
- 1,789,924; Krey Willi Binap Joseph et al. Oxidation of benzene compounds. Issued 1-20-31. (28)
- 1,790,009; Karnath Kurt. Stop valve. Issued 1-27-31. (28)
- 1,790,023; All. Rhenania Verein Chemischer Fabriken. Process for the transformation of gypsum. Issued 1-27-31. (28)
- 1,790,037; Zerollo Dante Davide. Sealing apparatus. Issued 1-27-31. (38)
- 1,790,043; All. Schlessische Spiegelglas Manufaktur. Process and contrivance for the manufacture of wire glass plates with wires running in one direction. Issued 1-27-31. (28)
- 1,790,063; All. I G Farbenindustrie A G. Reeling of artificial threads. Issued 1-27-31. (28)
- 1,790,073; Pohl Ernst. Rontgen tube. Issued 1-27-31. (28)
- 1,790,113; All. Nigrolitwerke GmbH. Pressure frame or apparatus for use in the production of sound records. Issued 1-27-31. (28)
- 1,790,298; All. Aeg Deutsche Werke A G. Bookkeeping machine. Issued 1-27-31. (28)
- 1,790,300; All. Spedel Chain Co. Extension device. Issued 1-27-31. (28)
- 1,790,325; Sage in Bourbon del Monte Caterina. Block notes holder. Issued 1-27-31. (38)
- 1,790,361; Dunnebier Max Winkler Alfred et al. Process and apparatus for applying closures to hollow chocolate bodies. Issued 1-27-31. (28)
- 1,790,368; Crespi Giovanni. Continuous production press for the alimentary paste industry and similar industries. Issued 1-27-31. (38)
- 1,790,386; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 1-27-31. (28)
- 1,790,394; Von Diersburg Freiherr Roeder. Fur substitute for sking, etc. Issued 1-27-31. (28)
- 1,790,396; All. Schmidt schein Heissdampf GmbH. Boiler in which the steam is generated indirectly. Issued 1-27-31. (28)
- 1,790,433; Miduno Takeo. Ventilating apparatus. Issued 1-27-31. (39)
- 1,790,437; All. Ideal Werke A G fur Drahtlose. Loud speaker. Issued 1-27-31. (28)
- 1,790,438; Nolte Karl. Iron sheet piling wall. Issued 1-27-31. (28)
- 1,790,439; Patermann Myro. Can opener. Issued 1-27-31. (28)
- 1,790,540; All. Hacklander & Co. Electroscopic testing device. Issued 1-27-31. (28)
- 1,790,571; All. Still Firm Carl. Process of extracting benzene hydrocarbons from gases. Issued 1-27-31. (28)
- 1,790,597; Schroder Hugo. Coke oven. Issued 1-27-31. (28)
- 1,790,605; Thorbecke Carl. Limed bandage or ring for fruit trees and the like. Issued 1-27-31. (28)
- 1,790,612; Von Frommer Rudolpf. Breach bolt mechanism for sporting guns. Issued 1-27-31. (34)
- 1,790,615; All. Trebitsch Oskar. Process for the manufacture of metallized fibrous materials metallized with a noble metal. Issued 1-27-31. (6)
- 1,790,850; All. Selenophon Licht und Tonbild GmbH. Selenium cell. Issued 2-3-31. (6)
- 1,790,853; Casale Luigi Dec. Apparatus for effecting reactions between gases at a raised temperature. Issued 2-3-31. (38)
- 1,790,867; Auerbach Rudolf. Apparatus for preparing emulsions. Issued 2-3-31. (28)
- 1,790,968; Baulino Carlo. Means for comparing the fuel consumption of the separate cylinders of engines for registering purposes. Issued 2-3-31. (38)
- 1,790,971; Broszeit Carl. Testing means for percussive tools. Issued 2-3-31. (28)
- 1,790,987; Horii Shinjiro. Stencil sheet. Issued 2-3-31. (39)
- 1,791,013; All. Electroacoustic GmbH. Hydraulic protrudable device for sound apparatus. Issued 2-3-31. (28)
- 1,791,014; All. Electroacoustic GmbH. Subaqueous sound apparatus. Issued 2-3-31. (28)
- 1,791,031; Keine Gustav. Tap hole socket for barrels and other like containers. Issued 2-3-31. (28)
- 1,791,038; Opavsky Walter. Apparatus for drying goods of any character. Issued 2-3-31. (28)
- 1,791,062; All. I G Farbenindustrie A G. Condensation product of urea. Issued 2-3-31. (28)
- 1,791,065; All. Soc Invenzioni Brevetti Anonima. Suction box for felted sheet making machines. Issued 2-3-31. (38)
- 1,791,074; Kappler Paul. Key action device for typewriting machines. Issued 2-3-31. (28)
- 1,791,077; Weber Ludwig. Method of Manufacturing briquettes from clay sulphite liquor and carbonaceous material. Issued 2-3-31. (28)
- 1,791,079; Wisniewski Vincent. Propelling device for aircraft. Issued 2-3-31. (28)
- 1,791,082; Bianco Giuseppe. Electrolytic zinc bath. Issued 2-3-31. (38)
- 1,791,092; D Obry Valdemar Willemoes. Process for the manufacture of unbleached paper cardboard and the like. Issued 2-3-31. (28)
- 1,791,229; Stampe Gerhard Karl Emil Heinrich. Respirating implement bag. Issued 2-3-31. (28)
- 1,791,242; All. Impreva Holzimprangnierung und. Log barking machine. Issued 2-3-31. (28)
- 1,791,320; Lewinsohn Hermann. Apparatus for cutting cardboard and similar substances for decorations of shop windows and sceneries. Issued 2-3-31. (28)
- 1,791,389; All. Selenophon Licht und Tonbild GmbH. Light valve. Issued 2-3-31. (6)
- 1,791,403; Debuch Carl Paul. Treatment of ores with gases in rotary furnaces. Issued 2-3-31. (28)
- 1,791,413; All. Exploration GmbH. Apparatus for taking geophysical measurements by means of a rotatable balance. Issued 2-3-31. (28)
- 1,791,419; All. Union Special Maschinenfabrik GmbH. Filled bag closing apparatus. Issued 2-3-31. (28)
- 1,791,424; Metzler Kurt. Rotary feed device for the work spindles of tool grinding machines. Issued 2-3-31. (28)

- 1,791,433; All. I G Farbenindustrie A G. Cyanamide formaldehyde condensation product and process of making same. Issued 2-3-31. (28)
- 1,791,434; All. I G Farbenindustrie A G. Cyanamide formaldehyde condensation product and process of making same. Issued 2-3-31. (28)
- 1,791,436; Ullrich Reimund. Valve for controlling gases and liquids. Issued 2-3-31. (28)
- 1,791,606; All. Rheinische Metallwaren und. Setting electric projectile fuses. Issued 2-10-31. (28)
- 1,791,671; Herschel Carl. Copying arrangement for commercial books. Issued 2-10-31. (28)
- 1,791,684; All. I G Farben industrie A G. Method of improving the properties of Portland cements. Issued 2-10-31 (28)
- 1,791,824; All. Climax Motorenwerke Und Schiffswerft. Cylinder of internal combustion engines. Issued 2-10-31 (6)
- 1,791,848; Somajni Giacomo. Control of direct current motors. Issued 2-10-31. (38)
- 1,791,867; All. Vereinigte Stahlwerke A G. Double slip point. Issued 2-10-31. (28)
- 1,791,869; All. Demag A G. Tube finishing or straightening rolling mill. Issued 2-10-31. (28)
- 1,791,962; All. Phoenix A G Fur Bergbau und. Apparatus for turning over the work in roll trains. Issued 2-10-31. (28)
- 1,791,976; Sanders Paul. Device for selecting the needles of circular knitting machines. Issued 2-10-31. (28)
- 1,791,977; Seckendorf Paul. Tailpiece connector for violins and the like. Issued 2-10-31. (28)
- 1,792,038; Rossi Luigi. Leaf spring suspension for vehicles. Issued 2-10-31. (38)
- 1,792,046; Skaupy Franz. Arrangement for singling out parallel monochromatic light rays from a cone of light. Issued 2-10-31. (28)
- 1,792,088; Haake Walter Haake Robert et al. Process for the manufacture of soluble starch. Issued 2-10-31. (28)
- 1,792,095; Horii Shinjiro. Stencil sheet. Issued 2-10-31. (39)
- 1,792,103; All. Deutsche Gold Siber Scheideanstalt. Process for the stabilization of hydrocyanic acid. Issued 2-10-31. (28)
- 1,792,105; All. Rheinische Metallwaren und. Typewriting and similar machine. Issued 2-10-31. (28)
- 1,792,131; Toyoda Kitchiro. Buffing device in power looms. Issued 2-10-31. (39)
- 1,792,133; Vorwerk Wilhelm. Hose supporter. Issued 2-10-31. (28)
- 1,792,138; Bollert Gustav. Splash catcher. Issued 2-10-31. (28)
- 1,792,140; Brock Hugo. Boat. Issued 2-10-31. (28)
- 1,792,163; All. I G Farbenindustrie A G. Process of preparing carboxylic acid chlorides. Issued 2-10-31. (28)
- 1,792,178; Marischka Carl. Combined gas and steam generator. Issued 2-10-31. (6)
- 1,792,206; Wenzel Karl Ernst. Weight automatic rail brake. Issued 2-10-31. (28)
- 1,792,305; All. Vereinigte Stahlwerke A G. Journal bearing for railway car axles. Issued 2-10-31. (28)
- 1,792,333; Takechi Shojiro. Method for concrete piling. Issued 2-10-31. (39)
- 1,792,377; Jordan Franz. Process for rolling out sheet and hoop or band iron. Issued 2-10-31. (28)
- 1,792,389; All I G Farbenindustrie A G. Electrolytical manufacture of compounds containing active oxygen. Issued 2-10-31. (28)
- 1,792,390; Okamoto Tetsuo. Electric heating apparatus. Issued 2-10-31. (39)
- 1,792,392; Palazzo Francesco Carlo. Process for the manufacturing of turpentine pine oil and rosin from woody materials rich in oleoresin. Issued 2-10-31. (38)
- 1,792,410; Buchner Max. Process of producing alumina from aluminiferous substances. Issued 2-10-31. (28)
- 1,792,421; All. Ad Essich & Co. Letter file. Issued 2-10-31. (28)
- 1,792,428; Kappler Paul. Connection between typewriting and like machines and a baseboard. Issued 2-10-31. (28)
- 1,792,433; All. Liebethuth A GmbH. Sheet metal paint box. Issued 2-10-31. (28)
- 1,192,458; Barton Ernst. Rolling mill and method. Issued 2-10-31. (28)
- 1,792,528; Bleyer Hermann Robert. Talking machine. Issued 2-17-31. (28)
- 1,792,569; All. Krupp Fried A G. Differential mechanism for cash registers and calculating machines. Issued 2-17-31. (28)
- 1,792,578; Ebert Fritz. Chain stitch sewing machine of the zigzag type. Issued 2-17-31. (28)
- 1,792,580; Fehrenbach Fritz. Method for producing light metal pistons running in cylinders of harder material. Issued 2-17-31. (28)
- 1,792,585; Hertel Anton. Ventilator. Issued 2-17-31. (28)
- 1,792,591; Langner Curt. Packing device for engines. Issued 2-17-31. (28)
- 1,792,609; Schumacher Heinrich. Bandlike calendar. Issued 2-17-31. (28)
- 1,792,614; Stern Paul. Reenforcing structure for blast furnace casings. Issued 2-17-31. (28)
- 1,792,616; All. Telephon Apparat Fabrik E Zwietsch. Telephone repeating coil. Issued 2-17-31. (28)
- 1,792,633; All. I G Farbenindustrie A G. Production of compounds containing active oxygen. Issued 2-17-31. (28)
- 1,792,644; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 2-17-31. (28)
- 1,792,663; All. Pfalzische Chamotte und Ironwerke. Heat exchanging stone for air heaters and the like. Issued 2-17-31. (28)
- 1,792,665; Torre Egidio. Pilot valve steered slide valve. Issued 2-17-31. (38)
- 1,792,668; All. Goldschmidt Th A G. Process of & apparatus for producing alkyl oxides. Issued 2-17-31. (28)
- 1,792,686; All. Rheinische Metallwaren und. Air brake. Issued 2-17-31. (28)
- 1,792,702; All. Soc Italiana Pirelli. Manufacture of rubber goods. Issued 2-17-31. (38)
- 1,792,882; Wischn Rudolf A. Purification of lubricating oils. Issued 2-17-31. (28)
- 1,792,919; Mieder Fritz. Clarifying plant. Issued 2-17-31. (28)
- 1,792,935; All. Maschinenfabrik Imperial GmbH. Revolvable drying drum. Issued 2-17-31. (28)
- 1,792,939; All. Drager Otto Heinrich. Absorbent for gas filters particularly for breathing purposes. Issued 2-17-31. (28)
- 1,792,940; All. Deutsche Werke Kiel A G. Contrivance for stowing cargo on ships. Issued 2-17-31. (28)
- 1,792,944; Vanders Eugen. Copper silicon alloy. Issued 2-17-31. (28)
- 1,792,963; Boye Arne. Foam breaker. Issued 2-17-31. (28)
- 1,793,047; Brewitt Walter. Mold for aluminothermic welding. Issued 2-17-31. (28)
- 1,793,074; All. Koch & Sterzel A G. Apparatus for regulating transformer voltages. Issued 2-17-31. (28)
- 1,793,084; All. I G Farbenindustrie A G. Production of sugars from cellulosic material. Issued 2-17-31. (28)
- 1,793,096; All. Hartstoff Metall A G. Beetling mill with closed casing. Issued 2-17-31. (28)
- 1,793,097; All. Hartstoff Metal A G. Disintegrating mill beetle. Issued 2-17-31. (28)
- 1,793,098; All. Hartstoff Metal A G Hametag. Method of grinding. Issued 2-17-31. (28)
- 1,793,110; All. Haas Friedrich Joseph. Die casting machine. Issued 2-17-31. (28)
- 1,793,120; Morell Wilhelm. Speedometer. Issued 2-17-31. (28)
- 1,793,121; Muller Heinrich. Toy. Issued 2-17-31. (28)
- 1,793,127; Osius Conrad. Holding means for glass. Issued 2-17-31. (28)
- 1,793,133; All. I G Farbenindustrie A G. Fertilizer obtainable by heating ammonium thiocyanate. Issued 2-17-31. (28)
- 1,793,169; Foerster Oswald Bruno. Automatic weighing apparatus. Issued 2-17-31. (28)
- 1,793,174; All. Chemische Fabriken J Bellak. Evaporator. Issued 2-17-31. (6)
- 1,793,181; All. I G Farbenindustrie A G. Apparatus for producing carbon disulphide. Issued 2-17-31. (28)
- 1,793,204; Altpeter Ludwig. Device for drawing off fluid from fine granular material in centrifugal machines. Issued 2-17-31. (28)
- 1,793,205; All. Hannoversche Maschinenbau A G. Fire bridge especially for transportable furnace plants. Issued 2-17-31. (28)
- 1,793,228; All. Siemens Schuckertwerke A G. Valve regulating apparatus. Issued 2-17-31. (28)
- 1,793,230; Streckler Gerald Kirchner Ulrich et al. Cylinder paper mill. Issued 2-17-31. (28)
- 1,793,400; Herrmann Karl. Animal doll. Issued 2-17-31. (28)
- 1,793,434; Blathy Otto Titus. Electric machine. Issued 2-17-31. (34)
- 1,793,558; Nishimura Tokuzo. Portable automatic pencil sharpener. Issued 2-24-31. (39)
- 1,793,602; Feldmeyer Josef. Permutation lock. Issued 2-24-31. (28)
- 1,793,608; All. I G Farbenindustrie A G. Device for regulating the quantity and composition of gas mixtures. Issued 2-24-31. (28)
- 1,793,623; Konieczny Anton. Magnifying apparatus. Issued 2-24-31. (6)
- 1,793,624; Lang Josef. Tube expander. Issued 2-24-31. (28)
- 1,793,649; All. Vereinigte Glanzstoff Fabriken A G. Process for maintaining the composition of viscose precipitating baths containing magnesium sulphate. Issued 2-24-31. (28)
- 1,793,677; Casale Luigi Dec. Process for the reproduction of hydrogen. Issued 2-24-31. (38)
- 1,793,702; Ksoll Joseph. Aeroplane supporting surface. Issued 2-24-31. (28)
- 1,793,704; All. Barmer Maschinenfabrik A G. Double ring twisting frame specially for twisting artificial silk. Issued 2-24-31. (28)
- 1,793,738; Faudi Fritz. Stuffing box. Issued 2-24-31. (28)
- 1,793,938; All. Vereinigte Stahlwerke A G. Forging apparatus. Issued 2-24-31. (28)
- 1,793,962; Rath Curt. Process for the preparation of substitution products of pyridin. Issued 2-24-31. (28)
- 1,793,990; Bayer Josef. Device for sealing bale ties. Issued 2-24-31. (28)
- 1,794,010; All. Hesser F R Maschinenfabrik A G. Package filling and closing machine. Issued 2-24-31. (28)
- 1,794,035; Schonfeld, Paul Linus. Protecting lining for shoes. Issued 2-24-31. (28)
- 1,794,039; Silvano Emilio et al; Cerri Vincenzo Lombardi. Device for washing material. Issued 2-24-31. (38)
- 1,794,065; Erb Karl. Decorticating and depulping machine and method. Issued 2-24-31. (28)
- 1,794,084; All. I G Farbenindustrie A G. Production of condensation products of urea and formaldehyde. Issued 2-24-31. (28)
- 1,794,089; Muller Arthur Hugo. Suspension rail track system. Issued 2-24-31. (28)
- 1,794,127; Vorwerk Wilhelm. Hollow ribbon. Issued 2-24-31. (28)



- 1,794,145; All. Voran Automobil Bau A G. Motor vehicle. Issued 2-24-31. (28)
- 1,794,156; All. Siemens Schuckertwerke A G. Marine vessel. Issued 2-24-31. (28)
- 1,794,199; Nose Toichi. Device for constructing long culverts or continuous concrete tubes. Issued 2-24-31. (39)
- 1,794,247; Richter Arthur. High speed flat hosiery frame. Issued 2-24-31. (28)
- 1,794,259; Kristensson August Thorsell Theodor et al. Production of alkali sulphates. Issued 2-24-31. (28)
- 1,794,260; Kristensson August Thorsell Theodor et al. Process for the production of potassium carbonate. Issued 2-24-31. (28)
- 1,794,263; All. Fiat S A. Radiator for motor vehicles. Issued 2-24-31. (38)
- 1,794,264; All. Fiat S A. Variable speed gearing particularly for motor vehicles. Issued 2-24-31. (38)
- 1,794,270; Ackermann Gottlieb. Pressure regulator and safety valve. Issued 2-24-31. (28)
- 1,794,282; All. Union Special Maschinenfabrik. Cutting mechanism for sewing machines. Issued 2-24-31. (28)
- 1,794,287; All. Vereinigte Stahlwerke A G. Double slip point for rails. Issued 2-24-31. (28)
- 1,794,288; Goebeler Eberhardt. High frequency apparatus. Issued 2-24-31. (28)
- 1,794,299; All. Hennefer Maschinenfabrik C Reuther. Material receptacle for automatic weighing machines. Issued 2-24-31. (28)
- 1,794,325; All. Atlas Ago Chemische Fabrik. Process of preparing linoxyn or materials similar to linoxyn. Issued 2-24-31. (28)
- 1,794,402; All. Krantz H Firm. Suspension for centrifugal extractors. Issued 3-3-31. (28)
- 1,794,421; All. Rheinische Metallwaren und. Electric percussion fuse for shells etc. Issued 3-3-31. (28)
- 1,794,509; Beckmann Erich. Alternating current indicator. Issued 3-3-31. (28)
- 1,794,575; Borletti Senatore. Controlling means for plunger pumps. Issued 3-3-31. (38)
- 1,794,624; Kastner Richard. Metallic cloth for paper making machines. Issued 3-3-31. (6)
- 1,794,633; Marchiano Rinaldo. Gas meter. Issued 3-3-31. (38)
- 1,794,653; Storch Lazar. Traveling trunk. Issued 3-3-31. (6)
- 1,794,686; Riedl Anton; Heinisch Otto et al. Safety system for electric plants. Issued 3-3-31. (28)
- 1,794,724; Meyer Ernst August. Device for preventing back drafts in fireplaces stoves and the like. Issued 3-3-31. (28)
- 1,794,875; All. I G Farbenindustrie A G. Process for producing substituted guanidines. Issued 3-3-31. (28)
- 1,794,898; Hillmann Hermann. Float for hydroplanes flying boats and the like. Issued 3-3-31. (28)
- 1,794,995; Voglsamer Peter. Liquid measuring device. Issued 3-3-31. (28)
- ;<sup>1</sup> All. Bosch Robert A G. Electric switch box. (28)
- 1,795,025; Heitmuller Karl. Dental suction plate. Issued 3-3-31. (28)
- 1,795,110; Doerr Carl. Multipart articulated reinforced concrete sleeper. Issued 3-3-31. (28)
- 1,795,112; Eichelgrun Martin. Inclined plane curved switch. Issued 3-3-31. (28)
- 1,795,128; Honig Philipp. Apparatus for demonstration and advertising purposes. Issued 3-3-31. (28)
- 1,795,132; All. I G Farbenindustrie A G. Process for producing carbon disulphide. Issued 3-3-31. (28)
- 1,795,135; All. Zahnradfabrik A G. Gear. Issued 3-3-31. (28)
- 1,795,168; Habermehl Robert Dec. Casing in two parts for packing parachutes. Issued 3-3-31. (28)
- 1,795,173; Lehrecke Hans. Process of rendering insoluble phosphates available. Issued 3-3-31. (28)
- 1,795,185; All. Krausewerk A G. Apparatus for copying on light sensitive surfaces. Issued 3-3-31. (28)
- 1,795,187; Vidor Armin. Machine for manufacturing book backs. Issued 3-3-31. (34)
- 1,795,188; Wagenbach Anton. Bending machine for rod and profile iron. Issued 3-3-31. (28)
- 1,795,211; All. Voigt and Haefner A G. Electric switch. Issued 3-3-31. (28)
- 1,795,239; Still Carl. Coke oven and door therefor. Issued 3-3-31. (28)
- 1,795,324; All. Beckers Arnold. Coke oven. Issued 3-10-31. (28)
- ;<sup>1</sup> All. Siemens & Halske A G. Circuit arrangement for automatic telephone systems. (28)
- 1,795,369; Lowenstein Karl Prinz Zu. Device for supplying fuel to internal combustion engines. Issued 3-10-31. (28)
- 1,795,373; All. Union Special Maschinenfabrik. Throat plate for sewing machines. Issued 3-10-31. (28)
- 1,795,378; Ritzerfeld Wilhelm. Duplicating method. Issued 3-10-31. (28)
- 1,795,379; Schmidt Carl. Method of making flanged cup shaped metal parts. Issued 3-10-31. (28)
- 1,795,382; All. Zeche Mathias Stinnes. Process for obtaining phenols from phenol bearing industrial liquors. Issued 3-10-31. (28)
- 1,795,384; Von Bosse Julius. Method of removing gases from metals. Issued 3-10-31. (28)
- 1,795,385; Yokoyama Hidesuke. Strand leading out device for net making machines. Issued 3-10-31. (39)
- 1,795,410; Siemens Friedrich Carl. Water cooled slide rail for reheating furnaces. Issued 3-10-31. (28)
- 1,795,435; Melzer Martha. Stretcher. Issued 3-10-31. (28)
- 1,795,506; All. Schlafhorst & Co. Warp beaming machine. Issued 3-10-31. (28)
- 1,795,510; Kafka Heinz; Schanze Emil et al. Tapping device for closed vessels. Issued 3-10-31. (28)
- 1,795,513; Schmidt Karl. Packing for portable liquid fire extinguishers. Issued 3-10-31. (28)
- 1,795,535; Anders Ernst Rudolf. Tea and like infuser. Issued 3-10-31. (28)
- 1,795,537; All. Hannoversche Maschinenbau A G. Water boiler particularly for locomotives and locomobiles. Issued 3-10-31. (28)
- 1,795,556; Greis Theodor. Roll for calendering machines. Issued 3-10-31. (28)
- 1,795,559; Hellmann Heinrich. Method for the production of flap sliding buckles. Issued 3-10-31. (28)
- 1,795,633; All. Neurath Facob. Lead bearing alloy containing copper and nickel. Issued 3-10-31. (6)
- 1,795,658; Malenkovic Basillius Recte Vaso. Compound adapted for the preservation of wood. Issued 3-10-31. (6)
- 1,795,694; Wunsch Guido. Steering mechanism for aircraft. Issued 3-10-31. (28)
- 1,795,703; Baur Walter. Method of coating bodies of iron wood or other material. Issued 3-10-31. (28)
- 1,795,711; Winter Oskar; Conde Max et al. Track sander for motor vehicles. Issued 3-10-31. (28)
- 1,795,895; Saito Kosaku. Diestock. Issued 3-10-31. (39)
- 1,795,962; All. Carnitt Rostschutz & Farbstoff. Process of producing bright paints. Issued 3-10-31. (28)
- 1,795,972; All. Rheinische Metallwaren und. Charging device for electrical fuses. Issued 3-10-31. (28)
- 1,795,977; Suida Hermann. Process for obtaining concentrated acetic acid from dilute acetic acid. Issued 3-10-31. (6)
- 1,795,995; Busching Willi. Process for the high concentration of impure sulphuric acid treated preliminarily in a dephlegmator. Issued 3-10-31. (28)
- 1,795,996; All. Michalk Otto. Gear. Issued 3-10-31. (28)
- 1,796,035; Maier Gustav. Folding box. Issued 3-10-31. (28)
- 1,796,067; All. Fiat S A. Variable speed gearing particularly for motor vehicles. Issued 3-10-31. (38)
- 1,796,100; All. Bamag Meguin A G. Distillation process and apparatus therefor. Issued 3-10-31. (28)
- 1,796,102; Hoffmann Karl Hildmar. Dough dividing and molding machine. Issued 3-10-31. (28)
- 1,796,107; All. I G Farbenindustrie A G. Process of extracting clay and other aluminous raw materials. Issued 3-10-31. (28)
- 1,796,134; Wornor Albert. Vitamizing food products. Issued 3-10-31. (28)
- 1,796,215; Pelkert Heinrich. Air pressure conveyor. Issued 3-10-31. (28)
- 1,796,258; All. Leitz Ernst Optische Werke. Printing apparatus for photographic purposes. Issued 3-10-31. (28)
- 1,796,275; Arnold Carl. Rack operated toy. Issued 3-17-31. (28)
- 1,796,403; All. Boehringer C H Sohn A G. Process of manufacturing 124 triazoles. Issued 3-17-31. (28)
- 1,796,412; Steinkellner Walter. Machine for preparing slices of bread and butter. Issued 3-17-31. (6)
- 1,796,463; Voigt Richard; Kaltenbach Alois et al. Cutting machine with revolving knife. Issued 3-17-31. (28)
- 1,796,481; Schmidt Alfred. Building structure. Issued 3-17-31. (6)
- 1,796,482; Schmidt Kurt. Art of inflating tires. Issued 3-17-31. (28)
- 1,796,560; Carloni Carlo. Outlet cock. Issued 3-17-31. (38)
- 1,796,565; All. Vereinigte Stahlwerke A G. Sleeper particularly for heavy dredging type tracks. Issued 3-17-31. (28)
- 1,796,566; Herbst Paul. Magic tank. Issued 3-17-31. (28)
- 1,796,579; Rupf Rudolf. Warp knitting frame. Issued 3-17-31. (28)
- 1,796,584; Volmer Max. Method of and apparatus for recording electrical signals. Issued 3-17-31. (28)
- 1,796,603; Junkers Hugo. Engine. Issued 3-17-31. (28)
- 1,796,604; Kropelin Franz. Water tube boiler. Issued 3-17-31. (28)
- 1,796,605; Muller Wilhelm Leggemann Wilhelm et al. Device for the radial adjusting of brake blocks on railway vehicles. Issued 3-17-31. (28)
- 1,796,610; Modler Johann. Roller bearing. Issued 3-17-31. (28)
- 1,796,653; All. Kienzle Uhrenfabriken A G. Fare indicator. Issued 3-17-31. (28)
- 1,796,707; All. Schmidt Sche Heissdampf GmbH. Heat exchanger. Issued 3-17-31. (28)
- 1,796,746; Buchholz Max. Protection of electrical apparatus. Issued 3-17-31. (28)
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- 1,806,245; Esau Abraham. Short wave oscillator. Issued 5-19-31. (28)
- 1,806,247; Fraunberger Fritz et al; Knoffler Georg. Process for the manufacture of oxidation products of sicative oils. Issued 5-19-31. (28)
- 1,806,290; All. I G Farbenindustrie A G. Cattle fodder. Issued 5-19-31. (28)
- 1,806,304; Miersbe Adolf. Steam heating plant. Issued 5-19-31. (28)
- 1,806,360; Moller Ernst. Diaphragm piston in particular for control valves for air brakes. Issued 5-19-31. (28)
- 1,806,378; Witzler Willi et al; Guth Paul Friedrich Gustav. Water heater. Issued 5-19-31. (28)
- 1,806,381; All. Schering Kahlbaum A G. Agitating device. Issued 5-19-31. (28)
- 1,806,419; All. Boehringer C H Sohn Chemische Fabrik. Purification of acetylene. Issued 5-19-31. (28)
- 1,806,443; All. Schiele & Bruchsaler Industriewerke. Thermal release device. Issued 5-19-31. (28)
- 1,806,488; Nagao Kikuro. Door opening and shutting device for automobiles. Issued 5-19-31. (39)
- 1,806,513; Von Waldenburg Straus Scharina Eduard Wilhelm. Filter for separating dust from air or gas. Issued 5-19-31. (28)
- 1,806,588; All. I G Farbenindustrie A G. Surface treatment of synthetic precious stones. Issued 5-26-31. (28)
- 1,806,589; All. I G Farbenindustrie A G. Surface treatment of articles made of synthetic corundum. Issued 5-26-31. (28)
- 1,806,689; Jontof Rudolf. Curved mouthpiece for mouthorgans. Issued 5-26-31. (28)
- 1,806,703; All. I G Farbenindustrie A G. Manufacture of cellulose. Issued 5-26-31. (28)
- 1,806,718; Spanier Fritz. Sectional wedge. Issued 5-26-31. (28)
- 1,806,787; Conradt Ottmar. Incandescent lamp. Issued 5-26-31. (28)
- 1,806,841; Czapek Emil et al; Weingand Richard. Process of manufacturing artificial leather leather board waxed cloth and the like. Issued 5-26-31. (28)
- 1,806,850; Giese Paul. Dimming device for searchlights. Issued 5-26-31. (28)
- 1,806,851; Hamel Hermann. Spinning machine for artificial silk. Issued 5-26-31. (28)
- 1,806,856; All. Maschinenfabrik Augsburg Nurnberg. Fore gripper mechanism. Issued 5-26-31. (28)
- 1,806,859; Mattel Diego. Self acting closure for water tight compartments. Issued 5-26-31. (38)
- 1,806,868; Wolf Paul. Miner's lamp. Issued 5-26-31. (28)
- 1,807,007; Otsuka Kanichi. Steam finishing apparatus. Issued 5-26-31. (39)
- 1,807,090; All. I G Farbenindustrie A G. Charging means for electric furnaces. Issued 5-26-31. (28)
- 1,807,105; Schliephake Erwin. Appliance for diathermic treatment by means of high frequency. Issued 5-26-31. (28)
- 1,807,122; Maruhn Johannes et al; Tubben Ludwig. Method of producing liquid hydrocarbons and apparatus therefor. Issued 5-26-31. (28)
- 1,807,208; Hankey John Leathart. Treating textile material with chromium. Issued 5-26-31. (28)
- 1,807,251; Ovenhausen Franz. Process of producing veneers. Issued 5-26-31. (28)
- 1,807,378; Budil Eleonore. Filter for air and gases. Issued 5-26-31. (28)
- 1,807,399; Friedrich Wilhelm. Dry fire extinguisher. Issued 5-26-31. (28)
- 1,807,424; All. Electa Apparatenbau GmbH. Apparatus for affixing stamps labels and the like. Issued 5-26-31. (6)
- 1,807,440; All. Speidel Chain Co. Elastic mesh bracelet. Issued 5-26-31. (28)
- 1,807,468; Brackelsberg Carl. Process and device for the production of iron alloys free from gases especially oxygen. Issued 5-26-31. (28)
- 1,807,495; All. Schlafhorst W Co. Exchanging the bobbins in preparatory weaving machines. Issued 5-26-31. (28)
- 1,807,539; All. Union Special Maschinenfabrik. Chain cutter for sewing machines. Issued 5-26-31. (28)
- 1,807,608; Stern Ernst. Method of preparing a calcium carbohydrate compound. Issued 6-2-31. (28)
- 1,807,652; Dietrich Ernst. Turret for multiple punching machines. Issued 6-2-31. (28)
- 1,807,656; All. Maschinenfabrik. Augsburg Nurnberg. Plural color printing machine. Issued 6-2-31. (28)
- 1,807,703; Osthoff Walter. Method of and apparatus for singeing textile fabrics. Issued 6-2-31. (28)
- 1,807,708; All. Rheinische Metallwaaren und. Process of and means for timing electric fuses. Issued 6-2-31. (28)
- 1,807,723; All. United Cigarette Machine Co A G. Apparatus for turning cigarettes right side up as they are fed to the packing machine. Issued 6-2-31. (28)
- 1,807,731; All. Sack Firm Rud. Operator for agricultural cultivating implements. Issued 6-2-31. (28)
- 1,807,734; All. Vereinigte Stahlwerke A G. Rail point. Issued 6-2-31. (28)
- 1,807,738; All. United Cigarette Machine Co A G. Apparatus for turning cigarettes and similar rod shaped articles right side up when feeding same to packing machines. Issued 6-2-31. (28)
- 1,807,761; All. Kalle and Co A G. Process of improving the resistance of diazo types to water. Issued 6-2-31. (28)
- 1,807,780; All. Maschinenfabrik Augsburg. Lifting machinery especially for the ends of pivot bridges. Issued 6-2-31. (28)
- 1,807,788; Kemp Paul. Alloy of lead and antimony. Issued 6-2-31. (6)
- 1,807,830; Cattaneo Giustino. Lubricant purifier for connecting rod bearings. Issued 6-2-31. (38)
- 1,807,848; All. Knorr Bremse A G. Pressure medium brake and steering device for aircraft. Issued 6-2-31. (28)
- 1,807,897; Cicali Giovanni. Process of obtaining substantially pure hydrogen. Issued 6-2-31. (38)
- 1,807,933; All. Silfree A G Silfree Ltd. Apparatus for photographic copying purposes. Issued 6-2-31. (28)
- 1,808,032; Gebers Griedrich. Out of water propeller. Issued 6-2-31. (6)
- 1,808,046; Kuchenmeister Heinrich. Film of magnetizable material for episcopic projection. Issued 6-2-31. (28)
- 1,808,112; Horn Erhard. Speed indicator with several measuring ranges. Issued 6-2-31. (28)
- 1,808,123; Uher Edmund Jr. Method of producing photographed printing forms. Issued 6-2-31. (34)
- 1,808,125; Weissloch Konrad Karl. Device for filling the crank cases of motor vehicles with lubricating oil. Issued 6-2-31. (28)
- 1,808,177; All. Deutsche Gasglimlicht Auer GmbH. Air purifying appliance. Issued 6-2-31. (28)
- 1,808,213; All. Rheinische Metallwaaren und. Calculating machine. Issued 6-2-31. (28)
- 1,808,270; Vogt Curt. Counting machine. Issued 6-2-31. (28)
- 1,808,271; Von Keussler Otto Peters Daniel et al. Process for dehydrating alcohol. Issued 6-2-31. (28)
- 1,808,339; Bellingeri Mario. Creel for winding warp beams. Issued 6-2-31. (38)
- 1,808,348; Gatzsche Richard. Reversing mechanism. Issued 6-2-31. (28)
- 1,808,356; All. Kleinfefers Firm Joh Sohne. Hydraulic leather fabric or raper rolling machine. Issued 6-2-31. (28)
- 1,808,377; Reichenbach Albert. Fountain penholder. Issued 6-2-31. (28)
- 1,808,389; All. Vereinigte Stahlwerke A G. Frog for grooved rails. Issued 6-2-31. (28)
- 1,808,392; Waldrich Oskar. Apparatus for grinding rolls. Issued 6-2-31. (28)
- 1,808,407; All. Felten and Guilleaume Carls-werk A G. Wrapping paper for the insulation of electric cables. Issued 6-2-31. (28)
- 1,808,441; Trinkl Hans. Electromagnetic automatic circuit breaker. Issued 6-2-31. (28)
- 1,808,442; Weide Rudolph. Method of manufacturing cylindrical plates of glass or a similar material for use in connection with polygraphic apparatus. Issued 6-2-31. (28)
- 1,808,449; Bellantoni Rocco. Speed changing device for motor cars. Issued 6-2-31. (38)
- 1,808,457; All. Ade Fabrik Automatischer. Automatic inclination balance. Issued 6-2-31. (28)
- 1,808,463; Horn Guido. Round braiding machine. Issued 6-2-31. (28)



- 1,808,465; All. I G Farbenindustrie A G. Production of urea. Issued 6-2-31. (28)
- 1,808,517; All. Siemens Schukertwerke A G. Metal vapor rectifier. Issued 6-2-31. (28)
- 1,808,586; Winkler Alfred et al; Dunnebler Nax. Apparatus for the withdrawal of sheets or the like. Issued 6-2-31. (28)
- 1,808,590; Andernach August Wilhelm. Method of manufacturing paper paste-board felt and the like. Issued 6-2-31. (28)
- 1,808,599; Galeazzi Roberto. Resistant submarine hull or the like. Issued 6-2-31. (38)
- 1,808,606; Pels Henry. Hydraulic safety device for power presses and the like. Issued 6-2-31. (28)
- 1,808,612; All. Dragerwerk. Device for dosing compressed gases. Issued 6-2-31. (28)
- 1,808,619; All. Schmidt Sche Heissdampf GmbH. Heat exchanger. Issued 6-2-31. (28)
- 1,808,620; All. Still Frim Carl. Coke oven and the like. Issued 6-2-31. (28)
- 1,808,631; Bungeoth Rudolf. Tube expander. Issued 6-2-31. (28)
- 1,808,661; Kemmann Gustav. Railway signaling system. Issued 6-2-31. (28)
- 1,808,663; Kock Hans Rudolf Friedrich et al; Quitt Karl Alfred Rudolf. Boiler and Evaporator. Issued 6-2-31. (28)
- 1,808,665; Konig Georg. Pencil sharpening device. Issued 6-2-31. (28)
- 1,808,666; All. Still Frim Carl. Distillation and like column. Issued 6-2-31. (28)
- 1,808,693; Terzoli Umberto. Tent. Issued 6-2-31. (38)
- 1,808,718; Bader Theodor. Heating means for casting pots. Issued 6-2-31. (28)
- 1,808,794; All. Universelle Cigarettenmaschinen. Means for spreading cut tobacco. Issued 6-9-31. (28)
- 1,808,795; All. Universelle Cigarettenmaschinen. Means for spreading cut tobacco. Issued 6-9-31. (28)
- 1,808,844; All. I G Farbenindustrie A G. Purification of wool grease. Issued 6-9-31. (28)
- 1,808,921; All. Weydmann Philipp August. Metallic filling for cold accumulators. Issued 6-9-31. (6)
- 1,808,957; All. Esser Heinrich. Manufacture of seamless tubes. Issued 6-9-31. (28)
- 1,808,974; Wildens Ferdinand. Means for cable laying. Issued 6-9-31. (28)
- 1,809,154; All. Junkers Hugo. Riveting. Issued 6-9-31. (28)
- 1,809,158; All. I G Farbenindustrie A G. Anhydrous metal chlorides and hydrogen chloride. Issued 6-9-31. (28)
- 1,809,173; Link Johann. Dirigible headlight. Issued 6-9-31. (28)
- 1,809,184; Schultz Oscar. Rudder arrangements for ships. Issued 6-9-31. (28)
- 1,809,189; All. United Cigarette Machine Co A G. Apparatus for turning cigarettes right side up as they are fed to the packing machine. Issued 6-9-31. (28)
- 1,809,161; All. Bronn Jegor Israel. Process for manufacturing nitrates. Issued 6-9-31. (28)
- 1,809,219; All. United Cigarette Machine Co A G. Apparatus for use with packing machines for feeding and adjusting cigarettes. Issued 6-9-31. (28)
- 1,809,220; Schuette Johann. Driving gear for airships of the rigid type. Issued 6-9-31. (28)
- 1,809,222; All. Soc Italiana Ernesto Breda Per. Automatic firearm having a recolling barrel and an amplifying push lever. Issued 6-9-31. (38)
- 1,809,272; All. Siemens Bauunion GmbH. Supporting structure. Issued 6-9-31. (28)
- 1,809,414; Huser Johann. Grinding machine. Issued 6-9-31. (28)
- 1,809,422; Passek Friedrich. Method of manufacturing solutions of cholesterine. Issued 6-9-31. (28)
- 1,809,466; All. Maschinenfabrik Johannisberg. Intaglio printing machine. Issued 6-9-31. (28)
- 1,809,470; All. Chemische Fabrik Facobus GmbH. Dressing medium for textile matter and the process of manufacturing the same. Issued 6-9-31. (28)
- 1,809,472; All. Wezel and Naumann A G. Method for pressing corrugated card board flat in places. Issued 6-9-31. (28)
- 1,809,476; Eckholdt Erich. Process of making sodium fluoride. Issued 6-9-31. (28)
- 1,809,482; Huberti Victor. Refloating of stranded ships. Issued 6-9-31. (28)
- 1,809,489; All. Friedmann Alex Firm. Pump for spinning liquid such as viscose. Issued 6-9-31. (6)
- 1,809,496; Suess Eduard. Siphon turbine. Issued 6-9-31. (6)
- 1,809,535; Torre Egidio. Feed regulator for steam boilers. Issued 6-9-31. (38)
- 1,809,538; Weisshaar Heinrich. Heat utilizer. Issued 6-9-31. (28)
- 1,809,659; All. Still Carl Firm. Coke oven and method of operating same. Issued 6-9-31. (28)
- 1,809,666; Bauer Gustav et al; Schmieske Carl. Supply conduit for steam and gas turbines. Issued 6-9-31. (28)
- 1,809,713; Kuhnert Walter et al; Maurer Max. Microphone. Issued 6-9-31. (6)
- 1,809,736; Speidel Robert. Washing machine for comestibles. Issued 6-9-31. (28)
- 1,809,737; All. Automobilwerke H Bussing A G. Driving mechanism for motor vehicles. Issued 6-9-31. (28)
- 1,809,738; Stuhlmann Paul. Process for treating resins. Issued 6-9-31. (28)
- 1,809,741; Von Frommer Rudolf. Automatic firearm. Issued 6-9-31. (34)
- 1,809,759; All. Steine and Hartung GmbH. Pressure gauge. Issued 6-9-31. (28)
- 1,809,777; All. Edeleanu GmbH. Dewaxing mineral oils. Issued 6-9-31. (28)
- 1,809,927; All. Soc Italiana Pirelli. Means for maintaining oil pressure in high tension electric cables. Issued 6-16-31. (38)
- 1,809,941; All. Union Special Maschinenfabrik. Bed structure for sewing machines. Issued 6-16-31. (28)
- 1,810,055; Muller Georg et al; Jaenicke Johannes. Method of reciprocal action between gases and finely subdivided materials. Issued 6-16-31. (28)
- 1,810,056; Papst Hermann. Rotor for asynchronous alternating current motors. Issued 6-16-31. (28)
- 1,810,076; Hansel Curt. Stiffening fabric for wearing apparel. Issued 6-16-31. (28)
- 1,810,090; All. Moller K & TH GmbH. Filtering apparatus. Issued 6-16-31. (28)
- 1,810,243; All. Theinische Metallwaaren und Trigger mechanism for firearms mounted on a carriage and having a pointing handle. Issued 6-16-31. (28)
- 1,810,253; Peterson Hugo. Manufacture of sulphuric acid. Issued 6-16-31. (28)
- 1,810,258; Apherber Bernhard. Egg boiling frame. Issued 6-16-31. (28)
- 1,810,262; Weber Ottomar. Means for covering cultivated ground. Issued 6-16-31. (28)
- 1,810,270; Erdmann Erich. Frictionless automatic device for raising wire windings on vertical conical winding up drums. Issued 6-16-31. (28)
- 1,810,271; Frainkel Ernst. Injecting and delivering machine for mortar and other materials. Issued 6-16-31. (28)
- 1,810,281; All. Haberfeld Erwin O. Method of manufacturing veneered metal surfaces. Issued 6-16-31. (28)
- 1,810,293; Reese Alfred. Door closer. Issued 6-16-31. (28)
- 1,810,307; Von Suchorzynski Anton. Diaphragm for sound reproduction. Issued 6-16-31. (28)
- 1,810,354; All. Rheinische Metallwaaren und. Wheel brake. Issued 6-16-31. (28)
- 1,810,379; Urbinati Mario. Current transformer. Issued 6-16-31. (38)
- 1,810,394; All. Schaumbad GmbH. Means for the production of foam. Issued 6-16-31. (28)
- 1,810,402; All. Rhenania Kunheim Verein Chemischer. Process for obtaining alumina and phosphates. Issued 6-16-31. (28)
- 1,810,427; All. Mauser Werke A G. Caliper. Issued 6-16-31. (28)
- 1,810,442; Spiess Georg. Sheet cutting machine. Issued 6-16-31. (28)
- 1,810,449; Tahara Hisakichi. Movable dam. Issued 6-16-31. (39)
- 1,810,456; Yonekura Tarlo. Suction device for paper making machines. Issued 6-16-31. (39)
- 1,810,466; Deutsch Josef. Device for giving access to cavities of the animal and human body. Issued 6-16-31. (6)
- 1,810,470; Egli Arnold. Intaglio printing machine. Issued 6-16-31. (28)
- 1,810,495; Otto Carl. Closure for coke oven chambers. Issued 6-16-31. (28)
- 1,810,617; All. Union Special Maschinenfabrik. Overedge sewing machine. Issued 6-16-31. (28)
- 1,810,629; Still Carl. Coke oven. Issued 6-16-31. (28)
- 1,810,750; Braunstein Schullm et al; Meerson Simion. Process for the generation of a refrigerant jet for dental operations. Issued 6-16-31. (28)
- 1,810,759; Flammer Ernst et al; Kelber Christian. Manufacture of soap. Issued 6-16-31. (28)
- 1,810,765; Herdling Wilhelm. Sand spraying device for motor vehicles especially motor cars. Issued 6-16-31. (28)
- 1,810,801; Todt Wilhelm. Method of removing gases from molten light metals such as aluminum and its alloys. Issued 6-16-31. (28)
- 1,810,811; All. Fortuna Werke Spezial. Machine for milling and planing profiled elements of wood leather and the like. Issued 6-16-31. (28)
- 1,810,838; Marian Josef. Bottle capping machine. Issued 6-16-31. (6)
- 1,810,859; Thorssell Theodope et al; Kristensson August. Process for the decomposition of crude phosphate. Issued 6-16-31. (28)
- of crude phosphate. Issued 6-16-31. (28)
- 1,810,882; All. Schenck Carl Elsengresserei und. Conveying of material. Issued 6-16-31. (28)
- 1,810,992; Von Dallwitz Wegner Richard. Method and means for determining the viscosity of liquid substances. Issued 6-23-31. (28)
- 1,811,016; Kumamoto Jinichi. Sleeper. Issued 6-23-31. (39)
- 1,811,029; All. Kalle & Co A G. Process of preparing light sensitive layers by means of diazo compounds and the products obtainable thereby. Issued 6-23-31. (28)
- 1,811,045; Gerdt Gustav F. Steam trap. Issued 6-23-31. (28)
- 1,811,068; Walter Richard R. Alloy. Issued 6-23-31. (28)
- 1,811,070; Weissfloch Konrad Karl. Placard typewriting machine. Issued 6-23-31. (28)
- 1,811,108; Bayer Josef. Strap stretching and fastening tool. Issued 6-23-31. (28)
- 1,811,118; Fischer Oskar. Copyholder for typewriters. Issued 6-23-31. (28)
- 1,811,121; Gastell Albert. Tracing device. Issued 6-23-31. (28)
- 1,811,151; Protzer Jakob. Safety valve for boiling vessels. Issued 6-23-31. (28)
- 1,811,157; Schwerdtfeger Walter. Centrifugal apparatus for purifying oil. Issued 6-23-31. (28)
- 1,811,165; Wolter Jonny. Dustbln. Issued 6-23-31. (28)
- 1,811,213; Rohn Wilhelm. Furnace heated by high frequency coils. Issued 6-23-31. (28)

- 1,811,239; Lenzkes Karl. Device for stopping electrically driven looms by the weft guard. Issued 6-23-31. (28)
- 1,811,288; All. Haefeli Arnold. Carburetor. Issued 6-23-31. (28)
- 1,811,322; Klausner Siegfried et al (6); Eichengrun Arthur; Rohm Richard. Opaque washable playing card and method of manufacturing same. Issued 6-23-31. (28)
- 1,811,357; Lorenz C A G. Wireless signaling apparatus. Issued 6-23-31. (28)
- 1,811,371; Takimizu Satoru et al; Idemitsu Hiroshi. Oil burner. Issued 6-23-31. (39)
- 1,811,546; Heine Martin. Traffic regulating sign. Issued 6-23-31. (28)
- 1,811,549; Langer Eduard. Rag grinding machine. Issued 6-23-31. (28)
- 1,811,559; Pronnecke Karl. Machine for making clothes pegs. Issued 6-23-31. (28)
- 1,811,586; Kronenberg Rudolf. Rolling mill. Issued 6-23-31. (28)
- 1,811,591; All. Hydor GmbH Regenanlagen. Periodic jet rotary sprinkler. Issued 6-23-31. (28)
- 1,811,637; Ladisch Carl. Spraying nozzle. Issued 6-23-31. (28)
- 1,811,695; All. Soc Italiani Pirelli. Manufacture of rubber articles from rubber latex. Issued 6-23-31. (38)
- 1,811,744; Bruninghaus Hugo. Method of and apparatus for tying packets. Issued 6-23-31. (28)
- 1,811,783; Elgerus Ernst. Method for making white and bleached wood pulp suitable for the manufacture of paper without addition of cellulose. Issued 6-23-31. (6)
- 1,811,784; Fischer Ferdinand. Offset printing machine. Issued 6-23-31. (28)
- 1,811,796; Kuehn Karl. Driving crank for piston engines. Issued 6-23-31. (28)
- 1,811,809; Schwarzkopf Karl. Pulverulent preparation for the production of a rinsing liquid for the after treatment of washed animal fibers woolen or silken fabrics and especially the hair of the head. Issued 6-23-31. (28)
- 1,811,813; Wagner Friedrich. Double sided warp goods. Issued 6-23-31. (28)
- 1,811,817; All. Telegraphie Patent Syndikat. Duplication of sound records obtained by magnetic means. Issued 6-23-31. (28)
- ; Gminder Emil. Method of producing fancy figures on textile material by mercerization. (28)
- 1,811,867; Serragli Giovanni. Self rotating air screw for the aerodynamic braked of airplanes and the like. Issued 6-30-31. (38)
- 1,811,868; All. Rheinische Kampfer Fabrik GmbH. Process for preparing 1 8 cincol eucalyptol. Issued 6-30-31. (28)
- 1,811,869; Von Horvath Edmund et al; Vielerwerth Peter. Method for removing the moldy smell and taste of tainted cereals and the like. Issued 6-30-31. (28)
- 1,811,940; Kappler Paul. Parallelogram type pantograph. Issued 6-30-31. (28)
- 1,811,972; Schmidt Fritz. Process for the production of artificial horn. Issued 6-30-31. (28)
- 1,812,132; All. Riedel A G J D. Production of vanillin and I vanillin. Issued 6-30-31. (28)
- 1,812,145; All. I G Farbenindustrie A G. Cellulose ester lacquer. Issued 6-30-31. (28)
- 1,812,155; All. Vereinigte Stahlwerke A G. A structural steel. Issued 6-30-31. (28)
- 1,812,178; Springmann Adolf. Fly catcher. Issued 6-30-31. (28)
- 1,812,224; Treibmann Ernst. Electrode for unipolar high frequency curative treatment. Issued 6-30-31. (28)
- 1,812,238; All. Braun Melsungen B. Process for preparing compressed iodine in the form of rods pencils or the like. Issued 6-30-31. (28)
- 1,812,239; All. Autogen Gasaccumulator A G. Method of the machine for cutting holes. Issued 6-30-31. (28)
- 1,812,250; All. Rhenania Verein Chemischer. Manufacture of barium hydroxide and strontium hydroxide. Issued 6-30-31. (28)
- 1,812,263; Hammer Arthur. Ironing machine. Issued 6-30-31. (28)
- 1,812,294; All. Universelle Cigarettenmaschinen. Means for dressing cigarettes and the like provided with imprints. Issued 6-30-31. (28)
- 1,812,333; All. Pintsch A G Julius. Gas meter. Issued 6-30-31. (28)
- 1,812,363; All. Metallurgica Brescinna gia Tempini. Device for loading firearms. Issued 6-30-31. (38)
- 1,812,380; All. Drager Dr Otto Heinrich. Gas protective mask for animals particularly for horses. Issued 6-30-31. (28)
- 1,812,391; Zechlau Walter. Piston for internal combustion engines. Issued 6-30-31. (28)
- 1,812,422; All. Gillette Safety Razor Ges mbH. Safety razor. Issued 6-30-31. (6)
- 1,812,459; All. I G Farbenindustrie A G. Fermentation of tobacco. Issued 6-30-31. (28)
- 1,812,514; Christian Kuno. Varnishing and printing machine for bands. Issued 6-30-31. (28)
- 1,812,518; All. Quendt Bernhard. Guide for current supply cable of electric irons. Issued 6-30-31. (28)
- 1,812,524; Frascani Arturo. Auxiliary keyboard for pianos. Issued 6-30-31. (38)
- 1,812,528; Gruter Reinhold. Pharmaceutical product. Issued 6-30-31. (28)
- 1,812,531; Hofer Paul. Producing potassium nitrate. Issued 6-30-31. (28)
- 1,812,536; Kovacs Theodore. Clip for securing articles to cloth. Issued 6-30-31. (28)
- 1,812,539; Ludowici Wilhelm. Self discharging wagon. Issued 6-30-31. (28)
- 1,812,547; Buwert Hans; Nowac Wilhelm et al. Advertising device. Issued 6-30-31. (28)
- 1,812,548; Obermiller Julius. Method of producing a constant degree of humidity in air or other gases. Issued 6-30-31. (28)
- 1,812,711; Pessione Luigi. Block for pavements and coverings. Issued 6-30-31. (38)
- 1,812,717; Rudolph Paul. Lens system. Issued 6-30-31. (28)
- 1,812,742; Fallot Alfred DEC. Means for raising changing and driving the paper web rolls in printing machines and more particularly in rotary printing machines. Issued 6-30-31. (28)
- 1,812,750; All. Industria S A. Apparatus for eliminating a substance from a gaseous mixture. Issued 6-30-31. (38)
- 1,812,760; Soprani Mario. Sound action for accordions harmonicas and like instruments. Issued 6-30-31. (38)
- 1,812,767; Bergfeld Karl. Gas washer. Issued 6-30-31. (28)
- 1,812,797; Lindemann Waldemar. Bundling press. Issued 6-30-31. (28)
- 1,812,804; Rieck Wilhelm Otto Paul. Sealing attachment for machines for applying crown corks to bottles or other containers. Issued 6-30-31. (28)
- 1,812,868; Dutschke Hermann Alwin. Indicating device for the power consumption in motor cars and the like. Issued 7-7-31. (28)
- 1,812,936; De Faveri Serafino. Cellular material for safety garments. Issued 7-7-31. (38)
- 1,812,948; Hacklander Carl Hermann. Carpet or rug. Issued 7-7-31. (28)
- 1,812,952; Herdling Wilhelm. Sand spraying device for motor vehicles. Issued 7-7-31. (28)
- 1,812,954; Heylandt Christian; Wilhelm Paul. Method and device for producing compressed gas from liquefied gas. Issued 7-7-31. (28)
- 1,813,008; Winkelmueller Karl. Furnace for smoking goods such as fish meat sausage and the like. Issued 7-7-31. (28)
- 1,813,145; Ceschi Eugenio; Cavicchioli Gioacchino et al. Vehicle door. Issued 7-7-31. (38)
- 1,813,161; All. Elektrische Lot und Schweiss GmbH. Electrically heated soldering iron. Issued 7-7-31. (28)
- 1,813,165; Jung Karl. Adjustment device particularly. Issued 7-7-31. (28)
- 1,813,166; Kahn Theodor. Talking machine recorder. Issued 7-7-31. (28)
- 1,813,175; All. Siemens & Halske Akg. Automatic telephone system. Issued 7-7-31. (28)
- 1,813,205; Scholz Werner; Froberg Arno et al. Device for charging vessels. Issued 7-7-31. (28)
- 1,813,272; All. I G Farbenindustrie Akg. Dehydration. Issued 7-7-31. (28)
- 1,813,366; Teusch Heinrich. Method of removing the bitter taste from orange peels. Issued 7-7-31. (28)
- 1,813,497; All. I G Farbenindustrie Akg. Production of pure sulphur. Issued 7-7-31. (28)
- 1,813,575; All. I G Farbenindustrie Akg. Treatment of crude mineral salts. Issued 7-7-31. (28)
- 1,813,576; Kattwinkel Hans. Manufacture of friction bodies for brake and clutch purposes. Issued 7-7-31. (28)
- 1,813,585; Schilde Richard. Apparatus for drying textile bands yarns slivers tops and the like. Issued 7-7-31. (28)
- 1,813,608; Brosch Anton. Apparatus for submerged intestinal lavage. Issued 7-7-31. (6)
- 1,813,619; All. I G Farbenindustrie Akg. Cyanogen halide derivatives of cellulose and process of making. Issued 7-7-31. (28)
- 1,813,636; All. I G Farbenindustrie Akg. Process of separating formic acid from acetic acid. Issued 7-7-31. (28)
- 1,813,840; Fast Friedrich. Device for sorting coins. Issued 7-7-31. (28)
- 1,813,904; All. Bek Ernst Gideon. Method of soldering chains chain mesh or the like. Issued 7-14-31. (28)
- 1,813,921; All. Siemens Schuckertwerke A G. Vapor power plant. Issued 7-14-31. (28)
- 1,814,021; All. Schnellpressenfabrik AG. Sheet laying on device. Issued 7-14-31. (28)
- 1,814,024; All. Berliner Maschinenbau AG. Apparatus for removing any ink remains from the printing plate of the form cylinder of rotary intaglio printing machines. Issued 7-14-31. (28)
- 1,814,030; All. Getriebebau GmbH. Intermittent actuating gear. Issued 7-14-31. (28)
- 1,814,032; Haase Heinrich. Metallic ball head hinge for non metallic spectacle frames. Issued 7-14-31. (28)
- 1,814,047; Kuchenmeister Heinrich. Portable talking machine. Issued 7-14-31. (28)
- 1,814,063; Strauss Siegmund. Current rectifier. Issued 7-14-31. (6)
- 1,814,102; Weiset Max. High tension electric cable with paper insulation. Issued 7-14-31. (28)
- 1,814,211; Garbarek Josef. Tool holder. Issued 7-14-31. (28)
- 1,814,215; Hanekop Georg. Grinding graphite. Issued 7-14-31. (28)
- 1,814,219; All. I G Farbenindustrie AG. Process of improving certain physical properties of synthetic precious stones. Issued 7-14-31. (28)
- 1,814,476; All. Vereinigte Stahlwerke A G. Rail structure. Issued 7-14-31. (28)

<sup>1</sup>So in the original document.



- 1,814,498; All. Schwarz Presse A G. Surface printing rotary sheet printing press. Issued 7-14-31. (28)
- 1,814,552; Heyman Ernst. Sieve. Issued 7-14-31. (28)
- 1,814,559; All. Hartstoff Metall A G. Beetling mill with closed casing. Issued. 7-14-31. (28)
- 1,814,598; Herrmann Rudolf. Process for making mesh sieves. Issued 7-14-31. (28)
- 1,814,605; All. Siemens Schuckertwerke A G. Steam generator. Issued 7-14-31. (28)
- 1,814,859; Schwarz Julius. Tipped laces. Issued 7-14-31. (34)
- 1,814,881; All. Maschinenfabrik Augsburg Nurnberg. Bottom packing for weir locks. Issued 7-14-31. (28)
- 1,814,891; All. Magnet Werk GmbH. Eisenach power transmission device for presses and the like. Issued 7-14-31. (28)
- 1,814,916; Hackl Heinrich. Manufacture of bisulphite liquor and dimagnesium phosphate. Issued 7-14-31. (28)
- 1,814,980; Thomas Friedrich. Process for the production of trinitrotoluine. Issued 7-14-31. (28)
- 1,814,989; Wessel Carl. Process for the distillation of coal tar and device for carrying out such process. Issued 7-14-31. (28)
- 1,815,040; All. Baiz Erzrostung GmbH. Method of and means for roasting zinc blende and the like. Issued 7-21-31. (28)
- 1,815,093; All. Soc Alti Forni Fonderie Acciaierie. Centrifugal tube casting apparatus. Issued 7-21-31. (38)
- 1,815,112; Metzler Kurt. Tool grinding machine. Issued 7-21-31. (28)
- 1,815,146; Erber Bernhard. Method of producing openings passages and the like in molten or pressed glass bodies. Issued 7-21-31. (6)
- 1,815,164; Schneider Heinrich. Footwear. Issued 7-21-31. (28)
- 1,815,229; All. Siemens Schuckertwerke A G. Electron tube. Issued 7-21-31. (28)
- 1,815,253; Hanel Curt. Apparatus for printing and registering fare tickets and the like. Issued 7-21-31. (28)
- 1,815,409; Knuttel Ernst. Centrifugal apparatus. Issued 7-21-31. (28)
- 1,815,410; Lawaczek Franz. Process and means for producing ammonia. Issued 7-21-31. (28)
- 1,815,452; All. Lorenz C A G. Arrangement for lighting trains. Issued 7-21-31. (28)
- 1,815,454; Urbinati Mario. Phase changing transformer. Issued 7-21-31. (38)
- 1,815,475; Kambo Luigi. Variable speed gear. Issued 7-21-31. (38)
- 1,815,504; All. Plushweberel Grefrath A G. Device for printing colored patterns on plush and like fabrics. Issued 7-21-31. (28)
- 1,815,507; Harter Ludwig. Rubber tire. Issued 7-21-31. (28)
- 1,815,510; Hotter Oscar. Construction of spring seats and mattresses. Issued 7-21-31. (28)
- 1,815,513; All. Feldmuhle Papier und Zellstoffwerke A G. Manufacture of cellulose films. Issued 7-21-31. (28)
- 1,815,521; Miyagi Shinsho. Apparatus for setting seed shellfish. Issued 7-21-31. (39)
- 1,815,581; All. I G Farbenindustrie A G. Production of phosphoric acid and hydrogen. Issued 7-21-31. (28)
- 1,815,677; Natta Giulio. Process for the manufacture of methanol. Issued 7-21-31. (38)
- 1,815,707; All. Lorenz C A G. High frequency transformer or the like. Issued 7-21-31. (28)
- 1,815,743; Stutz Benz Emil. Stopping device for spinning and doubling machines. Issued 7-21-31. (28)
- 1,815,815; Vossloh Karl. Rail fastening device. Issued 7-21-31. (28)
- 1,815,867; Wellmann Wilhelm; Roeder Julius et al. Rolling mill and process for rolling tubes. Issued 7-21-31. (28)
- 1,815,946; Langer Arthur. Extracting of iron. Issued 7-28-31. (6)
- 1,815,985; All. I G Farbenindustrie A G. Process for the manufacture of oxygenated organic compounds. Issued 7-28-31. (28)
- 1,816,003; All. Wulffing Johann A. Manufacture of esters of 2 phenylquinoline 4 carboxylic acid. Issued 7-28-31. (28)
- 1,816,071; All. Bohme H TH AG. Process for sulphonation of oils or. Issued 7-28-31. (28)
- 1,816,084; All. I G Farbenindustrie AG. Production of pure sulphur. Issued 7-28-31. (28)
- 1,816,087; All. I G Farbenindustrie AG. Production of carbamides including urea. Issued 7-28-31. (28)
- 1,816,091; Schmeisser Hugo. Repeating air gun. Issued 7-28-31. (28)
- 1,816,100; Ulrik Hans Georg. Method of and explosive member for the blasting of blast holes. Issued 7-28-31. (57)
- 1,816,114; Haegermann Friedrich. Prize trophy. Issued 7-28-31. (28)
- 1,816,168; All. Siemens Schuckertwerke GmbH. Gas discharge tube switch. Issued 7-28-31. (28)
- 1,816,244; All. Geiger Julius GmbH. Gauge. Issued 7-28-31. (28)
- 1,816,248; All. Riedel J D E De Haen AG. Manufacture of aromatic hydroxy aldehydes. Issued 7-28-31. (28)
- 1,816,255; Hessen Richard. Manufacture of condensation products from phenol and formaldehyde. Issued 7-28-31. (28)
- 1,816,261; Lombardini Luigi. Wing pocket for visible index card holders. Issued 7-28-31. (38)
- 1,816,264; All. Maschinenfabrik Moenus A G. Sole laying press. Issued 7-28-31. (28)
- 1,816,265; All. Soc Italiana Ernesto Breda Per. Portable firearm for casting bombs and grenades by means of ordinary bullet cartridges. Issued 7-28-31. (38)
- 1,816,282; Heyner Willi et al; Henkel Herman. Method and tool for securing wire screw threads to wooden members. Issued 7-28-31. (28)
- 1,816,297; All. Rashig Dr F. Manufacture of disinfectants. Issued 7-28-31. (28)
- 1,816,303; Thorsell Carl Theodor et al; Dristenson August. Process for the production of potassium nitrate. Issued 7-28-31. (28)
- 1,816,325; All. Ringfeder GmbH. Friction spring. Issued 7-28-31. (28)
- 1,816,344; Schleifer Wilhelm. Tab for registration cards or the like. Issued 7-28-31. (6)
- 1,816,368; Floruzzi Vittorio. Apparatus for breeding silkworms. Issued 7-28-31. (38)
- 1,816,369; Franco Attilio. Heating apparatus for railway cars. Issued 7-28-31. (38)
- 1,816,377; Hobracht Paul. Machine for bending and tempering leaf springs. Issued 7-28-31. (28)
- 1,816,385; Matthaer Curt. Device for unwinding coiled wires band iron and the like. Method of producing finely divided metal oxides. Issued 7-28-31. (28)
- 1,816,396; Oppenlander Emil. Combined insect catching lamp and killing device. Issued 7-28-31. (28)
- 1,816,398; All. I G Farbenindustrie AG. Cigarette tip coil. Issued 7-28-31. (28)
- 1,816,472; Dorogi Lajos et al; Dorogi Istvan. Hollow inflatable sheet rubber bodies and process of producing the same. Issued 7-28-31. (34)
- 1,816,523; All. Bergwerksverband zur Verwertung von. Production of hydrogen. Issued 7-28-31. (28)
- 1,816,673; Foco Bruno. Spring washer. Issued 7-28-31. (38)
- 1,816,768; Elia Emanuele Giovanni. Torpedo. Issued 7-28-31. (38)
- 1,816,770; All. Mannesmannrohren Werke. Welded spigot and socket joint. Issued 7-28-31. (28)
- 1,816,782; Kuchenmeister Heinrich. Sound reproducing device. Issued 7-28-31. (28)
- 1,816,796; All. Rockstroh Werke A G. Rotary offset printing machine. Issued 7-28-31. (28)
- 1,816,819; Austin Herbert. Cylinder of internal combustion engines. Issued 8-4-31. (28)
- 1,816,964; Foth Carl Friedrich. Photographic shutter. Issued 8-4-31. (28)
- 1,816,969; Grinke Wilhelm. Machine for cleaning timbers especially boards beams or the like. Issued 8-4-31. (28)
- 1,816,989; All. Kalle and Co A G. Light sensitive layer. Issued 8-4-31. (28)
- 1,816,992; Vogt Hans. Sounding condenser. Issued 8-4-31. (28)
- 1,817,222; Zemke Heinrich. Washing apparatus. Issued 8-4-31. (28)
- 1,817,258; Klinger Karl. Stop cock. Issued 8-4-31. (6)
- 1,817,274; Schuette Johann. Airship. Issued 8-4-31. (28)
- 1,817,289; All. Siemens Schuckertwerke A G. Flanged coupling for conduits. Issued 8-4-31. (28)
- 1,817,313; Hoffmann Johannes Wilhelm. Suspending device for conducting cables. Issued 8-4-31. (28)
- 1,817,325; Sinkovich Dezso. Combination tie plate or iron tie and anticreeper for rails. Issued 8-4-31. (34)
- 1,817,326; All. Muller Johann Carl. Apparatus for forming cigar bunches. Issued 8-4-31. (28)
- 1,817,394; Pais Alexander. Heating device with heat accumulators. Issued 8-4-31. (57)
- 1,817,405; All. Deckel Friedrich Prazision Smechnik. Production of cycloidal curves. Issued 8-4-31. (28)
- 1,817,421; Saito Hachiro. Lining brick for rotary cement kilns. Issued 8-4-31. (39)
- 1,817,428; Takamatsu Kiyomoto. Coupon cutter. Issued 8-4-31. (39)
- 1,817,466; Seifert Kurt et al; Sachse Ernst. Ticket file. Issued 8-4-31. (28)
- 1,817,475; Becker Emil. Closure for bracelets and the like. Issued 8-4-31. (28)
- 1,817,557; Hart Hans. Folding boat. Issued 8-4-31. (28)
- 1,817,585; Samuel Max. Rubber brush. Issued 8-4-31. (28)
- 1,817,692; Kruger Kurt; Kloss Ulrich et al; Peters Albert. Electric tramway railway and the like system. Issued 8-4-31. (28)
- 1,817,695; Lauenstein Otto. Gripping device for praline and like wrapping machines. Issued 8-4-31. (28)
- 1,817,732; Boruss Stephen. Tube container. Issued 8-4-31. (34)
- 1,817,823; Ito Kinitzu. Medical moxa heater. Issued 8-4-31. (39)
- 1,817,829; Kuczorra Wilhelm. Advertising apparatus. Issued 8-4-31. (28)
- 1,817,855; Spuhr Max. Method of and apparatus for shrinking cloth or cloth goods. Issued 8-4-31. (28)
- 1,817,859; Cohen Venezian Carlo. Vehicle with load lifting means. Issued 8-4-31. (38)
- 1,817,864; Wilckems Ernst. Means for taking soundings at remote points. Issued 8-4-31. (28)
- 1,817,881; Drager Otto Heinrich. Oxygen breathing implement particularly for aeronauts. Issued 8-4-31. (28)
- 1,817,938; Posentrup Heinrich. Shiftable buffer stop. Issued 8-11-31. (28)
- 1,817,989; All. Lorenz C A G. Connection for telegraph plants. Issued 8-11-31. (28)
- 1,817,994; All. I G Farbenindustrie A G. Process of making cellulose nitro acetate. Issued 8-11-31. (28)
- 1,818,006; Ohagen Heinrich. Method of making and playing phonograph or sound records. Issued 8-11-31. (28)

- 1,818,911; Sachse Erich et al; Michalk Otto. Roughening tool for the working of leather. Issued 8-11-31. (28)
- 1,818,968; All. Ludwig Curt. Floatless carburetor. Issued 8-11-31. (28)
- 1,818,986; Alimauser Werke A G. Safety device for firearms. Issued 8-11-31. (28)
- 1,818,111; Bek Ernst Gideon. Manufacture of wire chain. Issued 8-11-31. (28)
- 1,818,341; All. Hirsch Kupfer and. Device for annealing metal rings. Issued 8-11-31. (28)
- 1,818,357; Rigotti Carlo. Pneumatic spring. Issued 8-11-31. (38)
- 1,818,556; All. I G Farbenindustrie A G. Method for the purification of iron and steel. Issued 8-11-31. (28)
- 1,818,558; Junkers Hugo. Construction of engine cylinders. Issued 8-11-31. (28)
- 1,818,615; Gluud Wilhelm. Process of eliminating sulphuretted hydrogen from gases. Issued 8-11-31. (28)
- 1,818,618; All. Holzhydrolyse A G. Method for the purification of carbohydrates obtained by hydrolysis of cellulose by means of hydrochloric acid. Issued 8-11-31. (28)
- 1,818,628; Kleinewefers Johannes. Calendar with roll magazine. Issued 8-11-31. (28)
- 1,818,632; All. Krupp Fried A G. Setting mechanism for cash registers. Issued 8-11-31. (28)
- 1,818,647; Pronnecke Karl. Merry go round. Issued 8-11-31. (28)
- 1,818,661; All. Vesuvio Feuerungsbaue GmbH. Heating furnace. Issued 8-11-31. (28)
- 1,818,683; All. Schuhfabrik Hassia A G. Boot and shoe. Issued 8-11-31. (28)
- 1,818,701; All. Koch and Sterzel A G. Rectifier. Issued 8-11-31. (28)
- 1,818,757; Samson Siegfried Vocke Alfred et al. Device for reading maps and writings looking at pictures and the like. Issued 8-11-31. (28)
- 1,818,760; All. Egeyresult Izzolampa Es Vilamossagi Reszvenytarsasag. Process and apparatus for drawing electrical pictures. Issued 8-11-31. (34)
- 1,818,782; Bakonye Stefan. Method of producing butanol and acetone by fermentation. Issued 8-11-31. (28)
- 1,818,842; De Tovaros Gyula Fischer. Pantograph current collector for electric vehicle. Issued 8-11-31. (34)
- 1,818,845; All. Felten and Guilleaume. Method of and machine for stranding special or figured wires. Issued 8-11-31. (6)
- 1,818,864; Payinghaus Walter. Axle box for vehicles. Issued 8-11-31. (28)
- 1,818,877; Zadnik Otto. Electric power transmission with automatic efficiency regulation for vehicles. Issued 8-11-31. (6)
- 1,818,881; All. I G Farbenindustrie A G. Manufacture of potassium. Issued 8-11-31. (28)
- 1,818,883; Dunholter Heinrich. Taximeter or fare recorder. Issued 8-11-31. (28)
- 1,818,890; All. Rheinische Metallwaren und. Automatic firearm. Issued 8-11-31. (28)
- 1,818,897; Kumagawa Hachiro Shimomura Kamakichi et al. Method of preparing and separating the cellulose material suitable for paper manufacturing from plant raw material with pith fiber. Issued 8-11-31. (39)
- 1,818,915; Vossloh Karl. Nut lock. Issued 8-11-31. (28)
- 1,818,928; All. Ludwig Curt. Floatless carburetor. Issued 8-11-31. (28)
- 1,818,974; All. Leitz Ernst Optische Werke. Binocular microscope. Issued 8-18-31. (28)
- 1,819,060; Baader Rudolph. Machine for splitting open cleaning and boning fish. Issued 8-18-31. (28)
- 1,819,070; All. Koch Siedmund. Process for chemically impregnating jute sacks tent cloth and the like. Issued 8-18-31. (28)
- 1,819,077; De Filippi Carlo. Electric pneumatic thermoscope available as fire indicators and for like purposes. Issued 8-18-31. (38)
- 1,819,089; Gornick Hugo. Device for measuring slight forces. Issued 8-18-31. (28)
- 1,819,102; All. Sachtleben A G fur Bergbau und. Apparatus for drying. Issued 8-18-31. (28)
- 1,819,122; Resnati Aldo. Container and packing system for polishing cloths. Issued 8-18-31. (38)
- 1,819,128; All. Felten & Guilleaume Carlswerk A G. Coil junction box for submarine cables. Issued 8-18-31. (28)
- 1,819,130; All. Bek Ernst Gideon. Electroplating and electroplating apparatus. Issued 8-18-31. (28)
- 1,819,145; All. Deutsche Gold Silber. Method for the destruction of animal pests. Issued 8-18-31. (28)
- 1,819,185; Matshumoto Shigeru. Link belt. Issued 8-18-31. (39)
- 1,819,257; Multhaupt Paul. Mandrel for tube rolling mills. Issued 8-18-31. (28)
- 1,819,347; Unterholzner Josef. Temperature indicator. Issued 8-18-31. (28)
- 1,819,397; All. I G Farbenindustrie A G. Process of preparing cellulose nitroacetate. Issued 8-18-31. (28)
- 1,819,469; All. Drahtlose Telegraphie GmbH. Radio system. Issued 8-18-31. (28)
- 1,819,549; Flessler August. Pessary. Issued 8-18-31. (28)
- 1,819,561; Krell Joseph. Printing machine for printing strips of material. Issued 8-18-31. (28)
- 1,819,604; All. Siemens & Halske A G. Constant potential device. Issued 8-18-31. (28)
- 1,819,607; Kemp Paul. Method of treating waste alloys for the purpose of removing therefrom certain constituents whose presence renders the alloys unsuitable for certain uses. Issued 8-18-31. (6)
- 1,819,617; All. Drahtlose Telegraphie GmbH. Vibrating converter. Issued 8-18-31. (28)
- 1,819,955; All. Mess und Full Apparate GmbH. Apparatus for indicating the level of liquids. Issued 8-18-31. (28)
- 1,819,704; Fritz Adolph. Press. Issued 8-18-31. (28)
- 1,819,719; All. Schopper Louis Firm. Apparatus for testing tensile strength. Issued 8-18-31. (28)
- 1,819,722; All. Yasumoto Melfiro. Process for composite casting. Issued 8-18-31. (39)
- 1,819,744; All. Krupf Fried Germaniawerft A G. Internal combustion engine cooling system. Issued 8-18-31. (38)
- 1,819,759; All. Fiat S A. Cylinder for internal combustion engines. Issued 8-18-31. (38)
- 1,819,770; All. Deutsche Gasgluhlicht. Process for decomposing ores of the rare earths of zirconium and titanium in a cycle by means of sulphuric acid. Issued 8-18-31. (28)
- 1,819,797; Shimizu Seizo. Magnetometer. Issued 8-18-31. (39)
- 1,819,888; Gabel Georg. Shaker machine with automatic mold transport for shaking down chocolate or similar masses in the molds. Issued 8-18-31. (28)
- 1,819,934; All. Still Carl Firm. Coke oven. Issued 8-18-31. (28)
- 1,819,954; Hansen Friedrich Claus Heinrich. Automatic shooting machine. Issued 8-18-31. (28)
- 1,820,042; Meyer August; Baseler Wolfgang et al. Speed responsive apparatus. Issued 8-25-31. (28)
- 1,820,124; All. Dorogi es Tarsa Gummigyar R T DR. Rubber ball. Issued 8-25-31. (34)
- 1,820,160; All. Kali Chemie A G. Separating magnesium compounds from potash salts. Issued 8-25-31. (28)
- 1,820,223; All. Lorenz C A G. High frequency machine transmitter. Issued 8-25-31. (28)
- 1,820,239; Merz Karl. Means for and method of compensating oscillating masses. Issued 8-25-31. (28)
- 1,820,242; All. Siemens Reiniger Veifa Ges Fur. Regulating system for transformers. Issued 8-25-31. (28)
- 1,820,246; Preis Georg. Gear. Issued 8-25-31. (28)
- 1,820,462; Kittay Paul. Grinding mill. Issued 8-25-31. (6)
- 1,820,553; All. Siemens Schuckertwerke A G. Device for cutting off vacuum vessels from the exhaust tubes of vacuum pumps. Issued 8-25-31. (28)
- 1,820,607; All. I G Farben Industrie A G. Nonirritating compositions containing organic compounds which irritate the skin. Issued 8-25-31. (28)
- 1,820,621; Junkers Adolf H. Apparatus for drying yarn. Issued 8-25-31. (28)
- 1,820,820; All. Rheinische Metallwaren und. Pointing mechanism for guns. Issued 8-25-31. (28)
- 1,820,822; All. Silurificio Whitehead Di Flume S A. Torpedo. Issued 8-25-31. (38)
- 1,820,976; Imhoff Karl. Sewage treatment. Issued 9-1-31. (28)
- 1,820,977; Imhoff Karl. Complete sewage treatment plant with submerged contact aerators. Issued 9-1-31. (28)
- 1,820,978; Imhoff Karl. Digestion of coarse substances left on sewage screens in the sewage treatment. Issued 9-1-31. (28)
- 1,820,989; All. Chemnitzer Strickmaschinenfabrik A G. Circular knitting machine. Issued 9-1-31. (28)
- 1,821,117; Schreiner Aenne. Process for producing highly active carbon. Issued 9-1-31. (28)
- 1,821,121; Stedefeld Curt. Torpedo shaped suspended railway vehicle for high speeds. Issued 9-1-31. (28)
- 1,821,265; All. Lawaczek GmbH. Operation of power plants. Issued 9-1-31. (28)
- 1,821,278; Schuster Ernst. Vacuum evaporating apparatus. Issued 9-1-31. (28)
- 1,821,302; All. Pluschweberei Grefrath A G. Apparatus for printing colored patterns on plush fabrics or the like. Issued 9-1-31. (28)
- 1,821,565; All. Imai Gosuke. Special mixed cement of a high grade strength. Issued 9-1-31. (39)
- 1,821,581; All. Fiat S A. Aeroplane control switch. Issued 9-1-31. (38)
- 1,821,626; Fleischer Fritz. Producing projection pictures. Issued 9-1-31. (28)
- 1,821,726; Saporta Alberto. Closure for pressure vessels. Issued 9-1-31. (38)
- 1,821,743; Dreyhaupt Rudolf. Method and device for turning out the rings of roller bearings and similar grooved rings. Issued 9-1-31. (28)
- 1,821,810; Ketzschner Kurt. Sight device for print mounting. Issued 9-1-31. (28)
- 1,821,811; Mai Kurt. Chin rest for violins and similar musical instruments. Issued 9-1-31. (28)
- 1,821,816; All. Prinz Hans. Device for preventing side slips in motor vehicles and the like. Issued 9-1-31. (28)
- 1,821,823; Wilckens Ernst. Sound transmitting apparatus. Issued 9-1-31. (28)
- 1,821,832; Lindhorst Heinrich; Georig Ernst et al. Hardening furnace with continuously operating charging device. Issued 9-1-31. (28)
- 1,821,859; Kristensson August; Thorssell Theodor et al. Production of potassium nitrate with simultaneous obtaining of dimagnesium phosphate. Issued 9-1-31. (28)
- 1,821,984; Muller Imanuel Wilhelm. Seal. Issued 9-8-31. (28)



- 1,822,018; All. Aceta GmbH. Twisting continuously spun artificial threads. Issued 9-8-31. (28)
- 1,822,023; Giebeler Wilhelm. Paper machine. Issued 9-8-31. (28)
- 1,822,024; Gipfert Heinrich. Knitting machine. Issued 9-8-31. (28)
- 1,822,031; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 9-8-31. (28)
- 1,822,034; Jessen Theodor Adolph. Grate bar. Issued 9-8-31. (28)
- 1,822,036; Junkers Hugo. Metal casing. Issued 9-8-31. (28)
- ; Wilberz Johannes. Method of and apparatus for trimming grinding wheels. (28)
- 1,822,138; Fricke Hermann. Insert for preserve tines for sausages. Issued 9-8-31. (28)
- 1,822,154; Horrmann Karl; Kraemer Ernst et al. Protection against poisonous gases. Issued 9-8-31. (28)
- 1,822,158; Majer Christian. Apparatus for drying sleeves. Issued 9-8-31. (28)
- 1,822,172; Oexmann Heinrich; Kruger Franz Pfeumer Hermann et al. Method of producing tablets of powdery material framed in metal. Issued 9-8-31. (28)
- 1,822,182; Wagner Karl Willy. Duplex system for telegraph cables with loading coils. Issued 9-8-31. (28)
- 1,822,189; All. Felten and Guillaume Carlswerk A G. Method of reducing the extension of wire ropes. Issued 9-8-31. (28)
- 1,822,195; All. Baga GmbH. Clock. Issued 9-8-31. (28)
- 1,822,222; Jung Karl. Interior grinding machine for grinding out bores accurately. Issued 9-8-31. (28)
- 1,822,227; Lendrich Karl. Process of improving coffee beans. Issued 9-8-31. (28)
- 1,822,237; Roese Rudolf. Double sliding window. Issued 9-8-31. (28)
- 1,822,242; Schongut Gustav. Pump for liquids. Issued 9-8-31. (6)
- 1,822,247. All. Rohrbach Metall Flugzeugbau GmbH. Box shaped central portion of metal aircraft wing. Issued 9-8-31. (28)
- 1,822,300; Korner Ernst. Trolley. Issued 9-8-31. (28)
- 1,822,306; Nakanishi Kinjiro. Photoelectrically controlled pattern apparatus. Issued 9-8-31. (39)
- 1,822,319; Schwarz Karl. Boat closet. Issued 9-8-31. (28)
- 1,822,526; All. Consortium fur Elektrochemisch. Shoe stiffener. Issued 9-8-31. (28)
- 1,822,574; Fricke Josef. Stereoprinting block. Issued 9-8-31. (28)
- 1,822,667; Proell Reinhold. Oil pressure regulating device for upholding an even speed of machines. Issued 9-8-31. (28)
- 1,822,673; All. Von Stiltneron Freiherr Iwan. Starting apparatus for motor vehicles with internal combustion engines. Issued 9-8-31. (28)
- 1,822,683; All. Deutsche Telephonwerke Und. Remote control indicator system. Issued 9-8-31. (28)
- 1,822,723; Blathy Otto Titus. Rotating field magnet for turbogenerators. Issued 9-8-31. (34)
- 1,822,746; Pouchain Adolfo. Lead plate for electric accumulators. Issued 9-8-31. (38)
- 1,822,751; All. Still Firm Carl. Process of extracting benzene hydrocarbons from gases. Issued 9-8-31. (28)
- 1,822,775; Henninger Albert Bertholdt. Self supporting car body of sheet metal for motor cars. Issued 9-8-31. (28)
- 1,822,778; Kaplan Victor. Hydraulic turbine. Issued 9-8-31. (6)
- 1,822,786; Raffo Andrea. Multiple gymnastic instrument. Issued 9-8-31. (38)
- 1,822,788; Stoffels Josef. Process and apparatus for producing solid carbon dioxide. Issued 9-8-31. (28)
- 1,822,793; All. Flat S A. Traction device for wheels. Issued 9-8-31. (38)
- 1,822,803; All. Danger H. Machine for automatically baking waffles and the like. Issued 9-8-31. (28)
- 1,822,810; Hart Hans. Devices for tautening the cover of folding boats. Issued 9-8-31. (28)
- 1,822,815; Kaiser Ludwig; Lichtenberger Theodor et al. Process for manufacturing pure white and finely distributed sulphate of barium and sulphate of calcium. Issued 9-8-31. (28)
- 1,822,943; All. Rohrbach Metall Flugzeugbau GmbH. Plate wall girder. Issued 9-15-31. (28)
- 1,822,957; All. I G Farbenindustrie A G. Emulsifying agent. Issued 9-15-31. (28)
- 1,822,958; Donner Oswald Friedrich. Bathing suit. Issued 9-15-31. (28)
- 1,822,982; All. I G Farbenindustrie A G. Halogenated naphthalene. Issued 9-15-31. (28)
- 1,823,006; Soupal Wilhelm. Vavce. Issued 9-15-31. (6)
- 1,823,037; Fritzsche Curt. Process and apparatus for casting metals and ceramic masses according to the centrifuging method. Issued 9-15-31. (28)
- 1,823,045; Hommel Georg. Sliding caliper with automatic locking device. Issued 9-15-31. (28)
- 1,823,057; Marx Carl. Lace for footwear. Issued 9-15-31. (28)
- 1,823,080; All. Deutsche Maschinenfabrik A G. Manufacture of seamless tubes. Issued 9-15-31. (28)
- 1,823,095; All. Kali Chemie A G. Disinfectant. Issued 9-15-31. (28)
- 1,823,102; Homey Gerhard. Method of producing vessels from pressed wood or plywood. Issued 9-15-31. (28)
- 1,823,172; Schon Karl. Method of and apparatus for loading boats barges and like vessels. Issued 9-15-31. (28)
- 1,823,262; All. Soc. Italiana Registratori Sir. Computing machine. Issued 9-15-31. (38)
- 1,823,270; Hahn Robert. Device for the proportionate feeding of mixing ingredients to concrete and mortar mixing machines. Issued 9-15-31. (28)
- 1,823,367; Lorenz Ernst. Excavating device. Issued 9-15-31. (28)
- 1,823,394; Gieger Hellmut. Disk valve. Issued 9-15-31. (28)
- 1,823,416; Von Forster Hermann et al; Moser Ludwig. Metallic structural unit. Issued 9-15-31. (28)
- 1,823,467; Quendt Bernhard. Preliminary tanning process. Issued 9-15-31. (28)
- 1,823,673; Watanabe Asahi. Cap with a clip for fountain pens. Issued 9-15-31. (39)
- 1,823,751; Messter Oskar. Roll film camera. Issued 9-15-31. (28)
- 1,823,754; Nitta Chojiro. Process of making leather. Issued 9-15-31. (39)
- 1,823,789; Dohrn Peter Hermann. Transplanting implement. Issued 9-15-31. (28)
- 1,823,793; All. Engelhardt G & Co. Key operated foot measuring device. Issued 9-15-31. (28)
- 1,823,794; Esau Abraham. Wireless transmission system. Issued 9-15-31. (28)
- 1,823,800; All. Schmidtsche Heissdampf GmbH. Heat transferrer. Issued 9-15-31. (28)
- 1,823,847; All. I G Farbenindustrie A G. Formic acid ester of diethyl ether of cellulose and the process of preparing the same. Issued 9-15-31. (28)
- 1,823,849; All. Rhenania Kunheim Verein Chemischer. Process for the manufacture of manures. Issued 9-15-31. (28)
- 1,823,913; Pietsch Willy. Zip or lightning fastener. Issued 9-22-31. (28)
- 1,823,923; All. I G Farbenindustrie A G. Production of steam in the manufacture of phosphorous acids from phosphorus and steam. Issued 9-22-31. (28)
- 1,823,938; All. Wilkins M H & Sohne Akt G. Process for the production of silver plated metal articles such as table requisites. Issued 9-22-31. (28)
- 1,823,956; Schroeder Richard. Sectional mandrel. Issued 9-22-31. (28)
- 1,823,964; Wenzel Karl Ernst. Slidable block rail brake. Issued 9-22-31. (28)
- 1,824,098; Patzschke Fritz. Agricultural machine. Issued 9-22-31. (28)
- 1,824,217; Kreiner Friedrich. Door hinge. Issued 9-22-31. (28)
- 1,824,291; All. Bleichert Adolf & Co A G. Car for passenger ropeways. Issued 9-22-31. (28)
- 1,824,298; All. Rhenania Kunheim Verein Chemischer. Process for obtaining barium ortho silicate or barium tri silicate by the decomposition of barium carbonate. Issued 9-22-31. (28)
- 1,824,314; Wendt Adolf. Safety packing stick. Issued 9-22-31. (28)
- 1,824,371; Rapp August. Holder with pulley for drawing curtains. Issued 9-22-31. (28)
- 1,824,398; Fleischhacker Max. Holder for dentistry work. Issued 9-22-31. (28)
- 1,824,408; Rausch Gottfried. Loaf forming machine. Issued 9-22-31. (28)
- 1,824,448; Satow Teikichi. Waterproof glue. Issued 9-22-31. (39)
- 1,824,475; All. Berzelius Metallhuetten GmbH. Process for smelting material containing tin oxide. Issued 9-22-31. (28)
- 1,824,483; Voerkel Franz; Hubmann Otto et al. Apparatus for operating shaft furnaces in the thermal treatment of granular material. Issued 9-22-31. (28)
- 1,824,499; All. Vereinigte Stahlwerke A G. Reenforced pipe joint. Issued 9-22-31. (28)
- 1,824,500; All. Vereinigte Stahlwerke. Reenforced joint for socket pipes. Issued 9-22-31. (28)
- 1,824,574; Schunemann Emil. Device for increasing the water circulation and for decreasing boiler resistances to flow in central heating plants. Issued 9-22-31. (28)
- 1,824,656; Paolini Carlo; Carughi Achille et al. Process of and means for manufacturing chloride of lime. Issued 9-22-31. (38)
- 1,824,676; Mannich Charles. Aldehyde base and process for the manufacture of same. Issued 9-22-31. (28)
- 1,824,768; Braselmann Eugen. Car jack. Issued 9-29-31. (28)
- 1,824,809; Kelber Christian; Flammer Ernst et al. Manufacture of soap. Issued 9-29-31. (28)
- 1,824,815; Fuchs Fritz. Method of and means for preventing the sliding or skidding of vehicles. Issued 9-29-31. (6)
- 1,824,828; Maurer Georg. System for controlling electric switches. Issued 9-29-31. (28)
- 1,824,922; Otto Carl. Regenerative coke oven. Issued 9-29-31. (28)
- 1,824,960; All. Lawaczek GmbH. Metallurgical process and apparatus. Issued 9-29-31. (28)
- 1,825,011; All. Vacuumschmelze GmbH. Metallurgical furnace. Issued 9-29-31. (28)
- 1,825,076; All. Lange and Co GmbH. Flag truck. Issued 9-29-31. (28)
- 1,825,100; Somajni Giacomo. Electric control apparatus. Issued 9-29-31. (38)
- 1,825,145; All. Lerch Israel Moses. Method of securing bundles of bristles in the bodies of brushes. Issued 9-29-31. (28)
- 1,825,161; Sacco Luigi Arnaldo. Torpedo. Issued 9-29-31. (38)
- 1,825,163; Schweter Erich. Device for altering the clearance space in piston machines. Issued 9-29-31. (28)
- 1,825,187; Hubner Hugo. Automatic fuel mixture regulator. Issued 9-29-31. (28)

<sup>1</sup> So in the original document.

- 1,825,198; Negrini Bruno. Truck and guide member for roller blinds. Issued 9-29-31. (38)
- 1,825,211; All. I G Farbenindustrie A G. Recovery of metals and metal compounds soluble in ammoniacal liquors. Issued 9-29-31. (28)
- 1,825,229; Hase Rudolf. Optical pyrometer. Issued 9-29-31. (28)
- 1,825,320; Kuerts Ernst. Block paving machine and the like. Issued 9-29-31. (28)
- 1,825,349; All. Miura Ryoji. Method of manufacturing paper pulp from bagasse and other gramineae plants. Issued 9-29-31. (39)
- 1,825,357; Lasselsberger Leopold. Disengageable coupling device. Issued 9-29-31. (6)
- 1,825,520; Grunfeld Franz Viktor. Robe. Issued 9-29-31. (28)
- 1,825,532; All. Liebethuth A and Co GmbH. Drawing slate. Issued 9-29-31. (28)
- 1,825,536; Miyake Masao. Process of reducing the quantity of sulphurous acid gas set free from copper glance on its roasting. Issued 9-29-31. (39)
- 1,825,545; All. Maschinenfabrik Augsburg. Internal combustion engine. Issued 9-29-31. (28)
- 1,825,549; All. Boehringer C H Schn A G. 3 ethyl 4 cyclohexyl 1 2 4 triazole. Issued 9-29-31. (28)
- 1,825,555; Teves Alfred; All. Maschinen Und Armaturen Fabrik GmbH. Brake. Issued 9-29-31. (28)
- 1,825,562; All. Vereinigte Thuringer. Valve key. Issued 9-29-31. (28)
- 1,825,566; Wollny Karl. Polishing tool for shoes. Issued 9-29-31. (28)
- 1,825,597; All. Union Special Maschinenfabrik GmbH. Sewing machine for joining edge portions of fabric sections. Issued 9-29-31. (28)
- 1,825,606; All. Tiefbohrtechnik und Maschinenbau. Cutting and welding machine. Issued 9-29-31. (6)
- 1,825,636; All. Meffert Hermann. Reaction product of salicylic acid and hexamethylenetetramine and method of producing same. Issued 9-29-31. (28)
- 1,826,474; Kohler Fritz. Stand or support. Issued 10-6-31. (28)
- 1,826,484; Schultz Johann Berthold. Shuttle picker. Issued 10-6-31. (28)
- 1,826,579; Spiegler Gottfried et al; Bugler Ferdinand. X-Ray system. Issued 10-6-31. (6)
- 1,826,639; Stohr Rolf. Valve lifter for baths lavatories and the like. Issued 10-6-31. (28)
- 1,826,754; Ehrenhaft Franz. Method of and apparatus for making photophonographic records. Issued 10-13-31. (28)
- 1,826,790; Jalowetz Eduard et al; Hamburg Max C. Method of obtaining malt enzymes and beverage. Issued 10-13-31. (6)
- 1,826,813; Oberschulte Hermann. Device for use in forming undercut sections of rolled metal. Issued 10-13-31. (28)
- 1,826,831; All. I. G. Farbenindustrie AG. Process for the manufacture of chrome alum. Issued 10-13-31. (28)
- 1,826,844; Thorner Walther. Telescopic instrument for subjective determination of the refraction of the eye. Issued 10-13-31. (28)
- 1,826,873; All. Maschinenfabrik Augsburg Nurnberg. Diesel locomotive having power cylinders connected to the driving mechanism. Issued 10-13-31. (28)
- 1,826,895; Muller Wolf Johannes et al; Hiller Heinrich. Process for the preparation of Alumea. Issued 10-13-31. (6)
- 1,827,112; All. Telephon Apparat Fabrik E. Damp proof condenser. Issued 10-13-31. (28)
- 1,827,174; All. Hirsch Kupfer and Messingwerke AG. Method of melting oxidizable material. Issued 10-13-31. (28)
- 1,827,213; All. Luftschiffbau Zeppelin GmbH. Method of manufacturing gas tight material. Issued 10-13-31. (28)
- 1,827,214; All. Luftschiffbau Zeppelin GmbH. Carburetor for internal combustion engines. Issued 10-13-31. (28)
- 1,827,356; All. Societa Invenzioni Brevetti Anonima. Treatment of animal fibers. Issued 10-13-31. (38)
- 1,827,385; Sächsisch Textilmaschinenfabrik Vorm Rich Hartman A G. Pull through drawing frame for medium and long fibrous material more particularly combed wool artificial silk ramie. Issued 10-13-31. (28)
- 1,827,477; Kotausek Josef. Reposing mat with foldable sunblind. Issued 10-13-31. (6)
- 1,827,552; All. Stern ges fur Moderne. Arrangement for forcing away the pile core from the point of the pile. Issued 10-13-31. (6)
- 1,827,568; Donadio Americo. Automobile radiator. Issued 10-13-31. (38)
- 1,827,589; All. Brehmerbruder Maschinen Fabrik. Paper folding machine. Issued 10-13-31. (28)
- 1,827,594; All. Union Special Maschinenfabrik. Looper operating mechanism for sewing machines. Issued 10-13-31. (28)
- 1,827,659; Jung Karl. Device for surfacing grindstones. Issued 10-13-31. (28)
- 1,827,848; Jokscho Rudolf. Indicating mechanism for weighing apparatus. Issued 10-20-31. (6)
- 1,827,932; All. Dap Motor Patent AmbH. Two stroke cycle internal combustion engine. Issued 10-20-31. (28)
- 1,827,954; Ohm Johannes. Apparatus for producing nystagmus. Issued 10-20-31. (28)
- 1,828,034; Einfalt Johann. Toy swimming animal. Issued 10-20-31. (28)
- 1,828,041; Hamacher Wilhelm. Garter construction. Issued 10-20-31. (28)
- 1,828,050; Klopp Friedrich. Guard. Issued 10-20-31. (28)
- 1,828,138; Haga Sojiro. Means for protecting steam boilers against flowing back of boiler water when feeding system leaks. Issued 10-20-31. (39)
- 1,828,211; All. Settiner Chamotte Fabrik A G. Fire and acid proof elastic substance. Issued 10-20-31. (28)
- 1,828,215; Barenyl Arpad. Photographic shutter. Issued 10-20-31. (28)
- 1,828,219; All. Maschinenfabrik Augsburg. Lateral packing for weirs. Issued 10-20-31. (28)
- 1,828,240; Born Ernst Otto. Lock for producing purl work on flat knitting machines. Issued 10-20-31. (28)
- 1,828,244; All. Lehmann E P. Seesaw toy. Issued 10-20-31. (28)
- 1,828,254; Kleinmann Ernst; Mandel Alfred et al. Hair slide. Issued 10-20-31. (28)
- 1,828,255; Ohnesorge Otto. Rope gearing and the like. Issued 10-20-31. (28)
- 1,828,260; All. Telegraphie Patent Syndikat GmbH. Reproducing magnet for telephones. Issued 10-20-31. (28)
- 1,828,265; Walther Heinrich. Machine for the manufacture of glued shoes. Issued 10-20-31. (28)
- 1,828,325; Kurz Heinrich. Process for the manufacture of rails with hardened heads. Issued 10-20-31. (28)
- 1,828,346; Stammreich Hanns. Metal arc lamp. Issued 10-20-31. (28)
- 1,828,348; Turnbul Wallace R. Variable pitch propeller. Issued 10-20-31. (28)
- 1,828,422; Levy Leo. Toothbrush. Issued 10-20-31. (28)
- 1,828,606; Janik Edvard. Automatic variable speed gear. Issued 10-20-31. (6)
- 1,828,654; Galbarini Antonio. Acoustic instrument. Issued 10-20-31. (38)
- 1,828,663; Jopp August. Machine for grinding simultaneously two opposed surfaces of articles of prismatic or other shape especially nuts. Issued 10-20-31. (28)
- 1,828,664; Kahlhofer Heinz. Hot air hair waving device. Issued 10-20-31. (6)
- 1,828,680; Rado Leopold. Method of attaching sealing or labeling strips or the like to boxes cases and wrappings made of metal foilcovered paper cardboard and the like. Issued 10-20-31. (28)
- 1,828,756; All. I G Farbenindustrie A G. Process for the refining of chromium ores. Issued 10-27-31. (28)
- 1,828,789; Strobel Alfons. Blindstitch sewing machine. Issued 10-27-31. (28)
- 1,828,917; Goldberg Rudolf; Archangelsky Alexander et al. Contact device for movable electrical apparatus. Issued 10-27-31. (28)
- 1,829,078; All. Motorenfabrik Deutz A G. Gearing device for internal combustion multicylinder oil engines. Issued 10-27-31. (28)
- 1,829,082; Steckhan Richard. Engelhardt Felix; Bergen Gustav et al. Process of manufacturing colored Portland cement. Issued 10-27-31. (28)
- 1,829,084; All. Krupp Fried A G. Blocking the setting means of cash registers. Issued 10-27-31. (28)
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- 1,829,099; Mager Jorg. Electro acoustic musical instrument. Issued 10-27-31. (28)
- 1,829,112; Schmidt Georg. Toy figure. Issued 10-27-31. (28)
- 1,829,115; All. Staedtler Firm J S. Decorating lead pencils. Issued 10-27-31. (28)
- 1,829,146; Kellner Alexis. Top structure for vehicles. Issued 10-27-31. (28)
- 1,829,162; All. Eisenwerk Weserhutte A G. Cable laying machine and method of laying cable. Issued 10-27-31. (28)
- 1,829,188; Kali Chemie AG. Making barium sulphide. Issued 10-27-31. (28)
- 1,829,249; All. Atlas Werke AG. Gear protection. Issued 10-27-31. (28)
- 1,829,291; All. Badische Maschinenfabrik and conduit for projecting sand. Issued 10-27-31. (28)
- 1,829,297; Rapp August. Device for drawing curtains and the like. Issued 10-27-31. (28)
- 1,829,370; All. Schwarzwaldwerke Lanz GmbH. Refrigerating apparatus. Issued 10-27-31. (28)
- 1,829,436; All. Schnellpressenfabrik A G. Heidelberg. Cylinder printing press. Issued 10-27-31. (28)
- 1,829,452; Oberlin Max. Process for the production of 1 M amidophenyl 1 hydroxy 2 methylamido propane. Issued 10-27-31. (28)
- 1,829,596; Lality Georg et al; Karpati Nandor. Lock. Issued 10-27-31. (34)
- 1,829,608; Otto Carl. Vertical chamber coke oven. Issued 10-27-31. (28)
- 1,829,650; All. Schubert and Salzer Maschinenfabrik. Method of knitting hosiery on flat knitting machines. Issued 10-27-31. (28)
- 1,829,660; Knopp Gumal. Machine for manufacturing multiple course papers cardboards and the like. Issued 10-27-31. (28)
- 1,829,661; Krautzberger Albert. Spraying or squirting process and apparatus therefor. Issued 10-27-31. (28)
- 1,829,669; Pavesi Ugo. Vehicle for the transport of artillery and especially antiaerial artillery. Issued 10-27-31. (38)
- 1,829,691; Wagner Friedrich. Circular knitting machine. Issued 10-27-31. (28)
- 1,829,700; Adler Friedrich. Printing textile fabrics. Issued 10-27-31. (28)
- 1,829,910; Midhat Chakir. Loud speaker. Issued 11-3-31. (39)
- 1,829,756; All. Siemens & Halske A G. Homogeneous body consisting of rhenium. Issued 11-3-31. (28)
- 1,829,867; Koster Friedrich. Holder for photographic color filters. Issued 11-3-31. (28)
- 1,829,880; Stockert Hermann. Link body for jewelry purposes. Issued 11-3-31. (28)



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- 1,829,937; Kolbus August. Machine for cutting cardboards for book covers or the like. Issued 11-3-31. (28)
- 1,829,938; All. Kromer Theodor GmbH. Door latch. Issued 11-3-31. (28)
- 1,830,134; Sacerdoti Camillo. Apparatus for lowering vessels lifeboats to the water with automatic disengagement of the suspension hooks. Issued 11-3-31. (38)
- 1,830,254; Behm Alexander. Acoustic sounding apparatus. Issued 11-3-31. (28)
- 1,830,255; All. H Thx Bohme Co A G. Composition for finishing fabrics and fibrous materials. Issued 11-3-31. (28)
- 1,830,279; All. Bemberg I P A G. Device for mechanically lacing hanks of yarn. Issued 11-3-31. (28)
- 1,830,405; Ohno Tadashi. Shutter. Issued 11-3-31. (39)
- 1,830,433; All. Ruppert Josef. Electromagnetic unit for acoustic instruments. Issued 11-3-31. (28)
- 1,830,446; All. Neuerburgsche. Machine for fixing tubular mouth pieces to cigarettes. Issued 11-3-31. (28)
- 1,830,507; Ebert Bruno. Detachable collar. Issued 11-3-31. (28)
- 1,830,510; Giesecke Julius et al; Giesecke Hermann. Mirror displaying device. Issued 11-3-31. (28)
- 1,830,544; Herman Alexander. Sliding window. Issued 11-3-31. (28)
- 1,830,550; Kerekgyarto Gyorgy. Treating metal shapes. Issued 11-3-31. (34)
- 1,830,571; Sullwald Gustav. Packing cigarettes and the like. Issued 11-3-31. (28)
- 1,830,610; Linde Richard. Process of producing mixtures of hydrogen and nitrogen. Issued 11-3-31. (28)
- 1,830,647; Engel Theodor. Device for manufacturing arch supports. Issued 11-3-31. (28)
- 1,830,648; Engel Theodor. Device for aiding in manufacturing arch supports. Issued 11-3-31. (28)
- 1,830,683; All. Gutehoffnungshutte Oberhausen AG. Method of blowing blast into shaft furnaces. Issued 11-3-31. (28)
- 1,830,718; Richter Arthur. Jack motion. Issued 11-3-31. (28)
- 1,830,725; All. Still Firm Carl. Extraction of phenols from aqueous condensate from coal distillation. Issued 11-3-31. (28)
- 1,830,792; Herrmann Rudolf. Shaker sieve and method for producing the same. Issued 11-10-31. (28)
- 1,830,800; McClatchie Stanley. Electromagnetic pick up. Issued 11-10-31. (28)
- 1,830,801; McClatchie Stanley. Magnetic pick up device. Issued 11-10-31. (28)
- 1,830,881; Mulka Friedrich. Attachment for turning work pieces by means of broad cutters. Issued 11-10-31. (28)
- 1,830,906; All. Herold AG. Process for the production of varnish and enamel like coatings. Issued 11-10-31. (28)
- 1,830,958; Otto Carl. Coke oven door. Issued 11-10-31. (28)
- 1,831,050; Von Rottenburg Otto. Body hollow and solid made of paper pulp wood pulp or the like with metal reinforcing. Issued 11-10-31. (28)
- 1,831,155; Blau Martin et al; Frettag Emil. Four stroke cycle engine. Issued 11-10-31. (28)
- 1,831,167; All. F R Hesser Maschinenfabrik AG. Device for punching or similarly treating continuously running webs. Issued 11-10-31. (28)
- 1,831,193; Quitschalle Georg. Suspension device for fire extinguishers. Issued 11-10-31. (28)
- 1,831,285; Brunner Max. Bed fastening fitting. Issued 11-10-31. (6)
- 1,831,320; Pertz Ewald. Apparatus for the determination of the damping capacity of materials. Issued 11-10-31. (28)
- 1,831,326; Silvestri Enrico. Collapsible or folding ski. Issued 11-10-31. (38)
- 1,831,334; Wenzel Max. Roll suction device. Issued 11-10-31. (28)
- 1,831,369; Schirp Alois. Rotable plate type filter for gases. Issued 11-10-31. (28)
- 1,831,406; Beckmann Hermann. Rubber diaphragm. Issued 11-10-31. (28)
- 1,831,411; Dietz Friedrich. Pump. Issued 11-10-31. (28)
- 1,831,416; Junkers Hugo. Joint. 11-10-31. (28)
- 1,831,426; Schroeder Kurt. Underwater anchoring. Issued 11-10-31. (28)
- 1,831,427; Schroeder Kurt. Iron piling. Issued 11-10-31. (28)
- 1,831,430; Weis Richard. Bearing. Issued 11-10-31. (28)
- 1,831,449; All. Vereinigte Stahlwerke AG. Journal bearing for railway car axles. Issued 11-10-31. (28)
- 1,831,570; Krakowsky Moritz. Sliding fastener. Issued 11-10-31. (28)
- 1,831,583; Weiss Johann. Piston for internal combustion engines. Issued 11-10-31. (6)
- 1,831,584; Weiss Johann. Light metal alloy. Issued 11-10-31. (6)
- 1,831,609; All. Howaldt Fritz Firm. Garden shears. Issued 11-10-31. (28)
- 1,831,650; All. Deutsche Wollen Waren Manufaktur AG. Making tone in tone effects in woolen fabrics. Issued 11-10-31. (28)
- 1,831,669; Kona Yoshi. Device for moxa treatment. Issued 11-10-31. (39)
- 1,831,682; Nagele Georg. Apparatus for agitating the air. Issued 11-10-31. (28)
- 1,831,685; Pontecorvo Dello. Longitudinal suspension for overhead contact lines for electric railways, tramways, etc. Issued 11-10-31. (38)
- 1,831,696; All. Lehmann J M Maschinenfabrik. Roller mill. Issued 11-10-31. (28)
- 1,831,720; Riecke Paul. Electrically controlled opening and closing means for vertical chamber ovens. Issued 11-10-31. (28)
- 1,831,725; Taliani Tommaso. Road indicator for motor cars and the like. Issued 11-10-31. (38)
- 1,831,735; Blum Carl Robert. Synchronism system. Issued 11-10-31. (28)
- 1,831,740; Elod Egon et al; Thomas Ludwig. Production of fibers from cocoa nuts. Issued 11-10-31. (28)
- 1,831,751; Rado Leopold. Collapsible tube or container for pastes and the like. Issued 11-10-31. (28)
- 1,831,824; All. Rhenania Kunheim Verein Chemischer. Process for obtaining barium aluminate. Issued 11-17-31. (28)
- 1,831,889; All. Firm Elektra GmbH. Electrically heated cooking appliance. Issued 11-17-31. (6)
- 1,831,934; All. I G Farbenindustrie AG. Electrolytic apparatus. Issued 11-17-31. (28)
- 1,831,951; All. Speidel Chain Co. Flexible chain. Issued 11-17-31. (28)
- 1,832,052; Schmitt Nikolaus et al; Schmitt Otto. Electric Mine Firing Device. Issued 11-17-31. (28)
- 1,832,065; All. Universelle Cigarettenmaschinen. Apparatus for shaping and filling cigarette boxes. Issued 11-17-31. (28)
- 1,832,119; All. Universelle Cigarettenmaschinen. Means for loosening tobacco and separating foreign bodies and dust. Issued 11-17-31. (28)
- 1,832,120; All. Universelle Cigarettenmaschinen. Apparatus for dressing cigarettes having imprints. Issued 11-17-31. (28)
- 1,832,146; Somajni Giacomo. Electric control apparatus. Issued 11-17-31. (38)
- 1,832,150; All. Siemens Schuckertwerke GmbH. Apparatus for automatically controlling the steam generation in high pressure steam plants. Issued 11-17-31. (28)
- 1,832,151; All. Deuba Deutsche Bauten Trocknungs. Apparatus for heating and drying walls. Issued 11-17-31. (28)
- 1,832,179; Boggiano Pico Luigi. Plant for treating organic refuse. Issued 11-17-31. (38)
- 1,832,189; De Giorgi Achille Bagnagatte. Line switch driving arrangement for motor and hand operation. Issued 11-17-31. (38)
- 1,832,207; Heim Gotthilf. Roll indenting machine. Issued 11-17-31. (28)
- 1,832,337; All. Atlas Werke A G. Device for operating bulkhead doors. Issued 11-17-31. (28)
- 1,832,381; All. I G Farbenindustrie A G. Process of preparing cellulose esters of lower fatty acids. Issued 11-17-31. (28)
- 1,832,392; Hildebrand Wilhelm. Single chamber compressed air brake. Issued 11-17-31. (28)
- 1,832,393; Hildebrand Wilhelm. Single chamber compressed air brake. Issued 11-17-31. (28)
- 1,832,403; Loesche Ernst Curt. Grinding mill. Issued 11-17-31. (28)
- 1,832,423; All. Bergedorfer Eisenwerk. Heat exchanger. Issued 11-17-31. (28)
- 1,832,579; Perego Luigi. Fuse for bombs and the like. Issued 11-17-31. (38)
- 1,832,593; Szucs Josef. Process for the cultivation of edible fungi. Issued 11-17-31. (6)
- 1,832,602; Wirth Armin. Scale with pendulum weight. Issued 11-17-31. (28)
- 1,832,603; Witt Hermann. Mechanical illustrator of the eye. Issued 11-17-31. (28)
- 1,832,748; Starke Otto. Draft regulating means. Issued 11-17-31. (28)
- 1,832,760; Bertuletti Guido. Automatic spool change device for power looms. Issued 11-17-31. (38)
- 1,832,868; All. Hartstoff Metall A G. Method of manufacturing foil shaped metal grain. Issued 11-24-31. (28)
- 1,832,937; All. Hartstoff Metall A G Hametag. Mass core. Issued 11-24-31. (28)
- 1,832,971; All. I G Farbenindustrie A G. Shuttles from wood. Issued 11-24-31. (28)
- 1,832,988; All. Brehmer Gebruder Maschinen Fabrik. Paper folding machine. Issued 11-24-31. (28)
- 1,833,062; All. Wagner Fritz and Co. Valve comprising an equalizing chamber a main and an auxiliary valve. Issued 11-24-31. (28)
- 1,833,071; All. Mauthe Friedrich GmbH. Striking clock with electric winding mechanism and running reserve. Issued 11-24-31. (28)
- 1,833,072; Einfalt Johann. Sheet metal toy ship hull. Issued 11-24-31. (28)
- 1,833,078; All. Elektrizitats G Sanitas MbH. Rontgen apparatus. Issued 11-24-31. (28)
- 1,833,082; Klee Joseph et al; Schneider Alfons. Lifting jack. Issued 11-24-31. (28)
- 1,833,089; Morimoto Hikosaburo. Method for culturing mushrooms. Issued 11-24-31. (39)
- 1,833,120; Nitzsche Max. Device for taking down articles from high places and replacing same. Issued 11-24-31. (28)
- 1,833,127; Rinkel Otto. Projectile for small arms. Issued 11-24-31. (28)
- 1,833,244; All. Simplo Fullfeder Ges Voss. Magazine pencil. Issued 11-24-31. (28)
- 1,833,247; Fust Robert. Matrix for use in dentistry. Issued 11-24-31. (28)
- 1,833,265; All. Motorenfabrik Deutz AG. Internal combustion engine for gaseous and liquid fuels. Issued 11-24-31. (28)
- 1,833,267; Sommer August. Wood bending machine. Issued 11-24-31. (28)
- 1,833,270; All. I G Farbenindustrie AG. Alkyl aralkyl cellulose esters and process of making them. Issued 11-24-31. (28)
- 1,833,274; All. I G Farbenindustrie AG. Paint. Issued 11-24-31. (28)
- 1,833,276; All. I G Farbenindustrie AG. Recovery of copper from waste copper lyes. Issued 11-24-31. (28)

- 1,833,286; All. I G Farbenindustrie AG. Amino cellulose derivatives. Issued 11-24-31. (28)
- 1,833,291; Kraenzlein Georg et al; Samesreuther Richard. Heat exchange device. Issued 11-24-31. (28)
- 1,833,311; Winkler Alfred et al; Dunnebler Max. Apparatus for insertion or assembly of paper sheets. Issued 11-24-31. (28)
- 1,833,384; Torikata Ryuzo. Preparation of specific antigen coctoimmunogen. Issued 11-24-31. (39)
- 1,833,391; De Giorgio Ghino. Draft printing apparatus. Issued 11-24-31. (38)
- 1,833,404; Bamberger Isac. Flash light cartridge. Issued 11-24-31. (28)
- 1,833,433; Optiz Georg. Check book. Issued 11-24-31. (28)
- 1,833,443; Spangler Ludwig. Brake system for electrically operated vehicles. Issued 11-24-31. (6)
- 1,833,494; Otto Carl. Coke oven door. Issued 11-24-31. (28)
- 1,833,565; Fuchs Wilhelm. Tipping coin plate. Issued 11-24-31. (34)
- 1,833,566; Gattino Edgardo. Apparatus for delivering coins and small articles. Issued 11-24-31. (38)
- 1,833,571; Grathwohl Hermann. Machine for picking poultry. Issued 11-24-31. (28)
- 1,833,574; All. Schneider Hugo AG. Searchlight. Issued 11-24-31. (28)
- 1,833,593; Rudolph Paul. Photographic lens. Issued 11-24-31. (28)
- 1,833,595; Samson Siegfried et al; Vocke Alfred. Device for looking at pictures reading maps and writings and the like. Issued 11-24-31. (28)
- 1,833,597; All. Boehringer Sohn Firm C H. Process for extracting theobromine from natural products containing theobromine. Issued 11-24-31. (28)
- 1,833,680; Kaselitz Oscar et al; Pohle Fritz. Mixed fertilizer. Issued 11-24-31. (28)
- 1,833,715; Klingspor Carl. Water proof polishing paper. Issued 11-24-31. (28)
- 1,833,727; Thurlings Hermann. Machine for kneading and pulling out dough like masses. Issued 11-24-31. (28)
- 1,833,804; Watanabe Ko. Manufacture of paper making material. Issued 11-24-31. (39)
- 1,833,817; Bing Andreas. Springing for upholstery. Issued 11-24-31. (28)
- 1,833,830; All. Typograph GmbH. Matrix bar for type line setting and setting and casting machines. Issued 11-24-31. (28)
- 1,833,862; Schmeisser Hugo. Magazine for machine pistols. Issued 11-24-31. (28)
- 1,833,908; All. Maybach Motorenbau GmbH. Controlling device for carburetors of internal combustion engines. Issued 12-1-31. (28)
- 1,833,923; Uhl Josef. Machine for automatically spreading and cutting bar shaped lengths of dough pieces. Issued 12-1-31. (57)
- 1,833,927; Bauer Herman. Machine for sorting feathers. Issued 12-1-31. (28)
- 1,833,981; All. Wagner Fritz and Co. Valve. Issued 12-1-31. (28)
- 1,834,003; All. Oertz Anna Emilia. Hollow rudder for ships. Issued 12-1-31. (28)
- 1,834,256; Ruping Max. Rail fastening. Issued 12-1-31. (28)
- 1,834,444; Bock Heinrich. Method of welding. Issued 12-1-31. (28)
- 1,834,460; Lauenstein Otto. Wrapping machine for candy filled chocolates and other kinds of confectionery. Issued 12-1-31. (28)
- 1,834,474; Ringl Alois. Dough shaping implement. Issued 12-1-31. (6)
- 1,834,476; Siemens Friedrich Carl. Regenerative furnace. Issued 12-1-31. (28)
- 1,834,539; Jakobson Julius. Collar. Issued 12-1-31. (28)
- 1,834,608; All. Reinhardt Paul. Sparking plug. Issued 12-1-31. (28)
- 1,834,624; Kappler Paul. Brake device or coupling. Issued 12-1-31. (28)
- 1,834,639; Pedrazzo Giovanni. Automatic commutator. Issued 12-1-31. (38)
- 1,834,646; Sandor Nicholas. Apparatus for producing foam in fine bubbles. Issued 12-1-31. (28)
- 1,834,651; Schlupmann Heinrich. Two stroke cycle internal combustion engine. Issued 12-1-31. (28)
- 1,834,659; All. Nihon Densen Seizo Kabushiki Kaisha. Trolley wire. Issued 12-1-31. (39)
- 1,834,693; Frischer Hermann. Means of promoting chemical reactions. Issued 12-1-31. (28)
- 1,834,723; All. Universalle Cigarettenmaschinen apparatus for distributing cigarettes from containers. Issued 12-1-31. (28)
- 1,834,729; Pfluger Albert et al; Haage Konrad. Internal combustion engine. Issued 12-1-31. (28)
- 1,834,743; All. Universalle Cigarettenmaschinen. Method of and means for producing two box parts in a single operation. Issued 12-1-31. (28)
- 1,834,744; Schroeder Kurt. Symmetrical piling made of channel iron sections. Issued 12-1-31. (28)
- 1,834,761; All. Siemens Schuckertwerke AG. Electric discharge vessel. Issued 12-1-31. (28)
- 1,834,772; Ebers Karl. Process of breaking up raw heavy spar. Issued 12-1-31. (28)
- 1,834,799; Nickel Oscar et al; Markwitz Reinhold. Process for the manufacture of cement. Issued 12-1-31. (28)
- 1,834,806; All. Aceta GmbH. Manufacture of artificial threads. Issued 12-1-31. (28)
- 1,834,859; All. Kuorr Bremse AG. Control gear for aircraft. Issued 12-1-31. (28)
- 1,834,875; All. Herold A G. Acoustic testing apparatus for detecting irregularities of machines of any type. Issued 12-1-31. (28)
- 1,834,878; All. Baumwollspinnerei Gronau. Drawing mechanism for spinning and like frames. Issued 12-1-31. (28)
- 1,835,072; McClatchie Stanely. Electric pick up device. Issued 12-8-31. (28)
- 1,835,073; McClatchie Stanely. Phonograph pick up device. Issued 12-8-31. (28)
- 1,835,087; Rommel Otto. Identification plate for motor driven vehicles. Issued 12-8-31. (28)
- 1,835,164; Kuchenmeister Heinrich. Process for recording sound for talking machines. Issued 12-8-31. (28)
- 1,835,225; Knoringer Ernst et al; Woski Carl. Charging device for shaft furnaces. Issued 12-8-31. (28)
- 1,835,226; Kuchenmeister Heinrich J. Method of and apparatus for making photographic phonograph records. Issued 12-8-31. (28)
- 1,835,244; Schorn Hans. Manufacture of aluminum silicon alloys. Issued 12-8-31. (28)
- 1,835,367; Becker Enno et al; Brusch Friedrich Wilhelm. Sheet metal piling. Issued 12-8-31. (28)
- 1,835,385; Fujita Masa. Automatic switch for telephones. Issued 12-8-31. (39)
- 1,835,417; Mauterer Arthur. Pile wall. Issued 12-8-31. (28)
- 1,835,422; All. I G Farbenindustrie A G. Treating fibrous materials or textiles. Issued 12-8-31. (28)
- 1,835,438; All. Weisbach C H K G. Regulating the passage of cloth webs through cloth finishing machines. Issued 12-8-31. (28)
- 1,835,441; All. I G Farbenindustrie A G. Process for producing tri ammonium phosphate. Issued 12-8-31. (28)
- 1,835,501; All. Lubecker Maschinenbau Ges. Steering device of track chain vehicles. Issued 12-8-31. (28)
- 1,835,519; All. Feinmechanik A G Vormals Jetter. Scalpel. Issued 12-8-31. (28)
- 1,835,583; Altenbach Otto. Nail file and sheath therefor. Issued 12-8-31. (28)
- 1,835,667; All. Vereinigte Stahlwerke A G. Process of hardening copper containing steels for structural and similar purposes. Issued 12-8-31. (28)
- 1,835,704; All. I G Farbenindustrie A G. Production of potassium nitrate. Issued 12-8-31. (28)
- 1,835,836; All. Maschinenfabrik Johannsberg GmbH. Apparatus for applying etched tubes in intaglio printing machines. Issued 12-8-31. (28)
- 1,835,846; Caproni Gianni. Aeroplane fuselage fitted with arrangements for carrying and dropping large bombs. Issued 12-8-31. (38)
- 1,835,851; Duffing Georg. Oil pump. Issued 12-8-31. (28)
- 1,835,920; Werder Markus. Process for loading or impregnating silk and silk tissue. Issued 12-8-31. (28)
- 1,835,955; All. Lawaczek GmbH. Electrolytic apparatus. Issued 12-8-31. (28)
- 1,835,972; All. Forderaulagen Ernst Heckel GmbH. Driving pulley for ropes or chains provided with gripping jaws. Issued 12-8-31. (28)
- 1,836,002; Balz Georg. Furnace for roasting zinc blende. Issued 12-15-31. (28)
- 1,836,111; All. Flat S A. Means for simultaneously operating the valves in internal combustion engines. Issued 12-15-31. (38)
- 1,836,124; Kuchenmeister Heinrich. Film for phonographic records. Issued 12-15-31. (28)
- 1,836,135; All. I G Farbenindustrie A G. Manufacture of isopropyl and homologous esters of aliphatic acids and isopropyl and homologous alcohols. Issued 12-15-31. (28)
- 1,836,145; Winkler Alfred et al; Dunnebler Max. Roller machine for the manufacture of envelopes. Issued 12-15-31. (28)
- 1,836,150; Beppu Schichiro. Turn indicator for motor vehicles. Issued 12-15-31. (39)
- 1,836,174; Kattwinkel Hans. Brake covering and the like and process of manufacturing the same. Issued 12-15-31. (28)
- 1,836,175; Kida Yasuzo. Method of sinking and building wells. Issued 12-15-31. (39)
- 1,836,191; Seitz Xaver. Hood for motor cars and other vehicles. Issued 12-15-31. (28)
- 1,836,291; All. Fabrik Elektrischer Zunder GmbH. Electric blasting fuse. Issued 12-15-31. (28)
- 1,836,300; All. Flat S A. Carburetor for aircraft engines. Issued 12-15-31. (38)
- 1,836,316; Esau Abraham. Method of testing the purity of solid or liquid hydrocarbons. Issued 12-15-31. (28)
- 1,836,330; All. Vereinigte Eisenbahn. Electric train control equipment. Issued 12-15-31. (28)
- 1,836,332; Muth Karl. Certificate or coupon sheet for use in statistic machines. Issued 12-15-31. (28)
- 1,836,335; All. Wanderer Werke Vorm Winkhofer. Feeding device for storage counting mechanisms in calculating machines. Issued 12-15-31. (28)
- 1,836,400; All. I G Farbenindustrie A G. Manufacture of soaps. Issued 12-15-31. (28)
- 1,836,402; All. Frankfurter Ges. Utilization of the heat of incandescent coke or the like material. Issued 12-15-31. (28)
- 1,836,481; Lutz Anton. Plate for supporting gas meters. Issued 12-15-31. (28)
- 1,836,498; All. Maschinenfabrik Augsburg. Multicylinder combustion engine. Issued 12-15-31. (28)
- 1,836,526; All. Vulcan Feuerung A G. Operation of lime and dolomite kilns and furnaces. Issued 12-15-31. (28)
- 1,836,553; All. I G Farbenindustrie A G. Production of condensation products of carbamides and formaldehyde. Issued 12-15-31. (28)
- 1,836,588; All. I G Farbenindustrie A G. Wetting and emulsifying preparation. Issued 12-15-31. (28)



- 1,836,618; All. I G Farbenindustrie A G. Process for producing phosphorus. Issued 12-15-31. (28)
- 1,836,620; All. I G Farbenindustrie A G. Wood oil lacquer. Issued 12-15-31. (28)
- 1,836,621; Schubert Friedrich. Method of and arrangement for examining the local strength of fabrics paper rubber and the like. Issued 12-15-31. (6)
- 1,836,622; Silbermann Walter. Ventilating device for the interior of closed car bodies. Issued 12-15-31. (28)
- 1,836,623; Silvestri Enrico. Dismountable sleigh mounted upon skis. Issued 12-15-31. (38)
- 1,836,656; All. I G Farbenindustrie A G. Manufacture of artificial threads or the like. Issued 12-15-31. (28)
- 1,836,731; All. I G Farbenindustrie A G. Denatured alcohol. Issued 12-15-31. (28)
- 1,836,858; All. Matro GmbH. Method of dressing the germs or the components of the germs obtained in the malting house for rendering them suited as human food and for dietetic purposes. Issued 12-15-31. (28)
- 1,836,870; Quer Karl August. Education game for teaching arithmetic. Issued 12-15-31. (28)
- 1,836,899; Cahn Benjamin. Hair clasp especially for making curls. Issued 12-15-31. (28)
- 1,836,908; Diepold Max. Process for treating whale bone bristles. Issued 12-15-31. (28)
- 1,836,916; Godefroid Armand. Cash till. Issued 12-15-31. (28)
- 1,837,010; Brown Donald. Production of pure glycerine. Issued 12-15-31. (28)
- 1,837,034; Freund Edwin. Squeezing machine. Issued 12-15-31. (6)
- 1,837,068; Richter Karl. Receptacle for holding and forwarding victuals and foodstuffs. Issued 12-15-31. (28)
- 1,837,070; Roth Ernst. Apparatus for charging aluminum producing furnaces. Issued 12-15-31. (28)
- 1,837,079; All. Still Carl Firm. Process for obtaining ammonia as ammonium sulphate from gases. Issued 12-15-31. (28)
- 1,837,097; Barth Josef. Process and apparatus for thickening tube ends. Issued 12-15-31. (28)
- 1,837,103; Betz Wilhelm. Welded spigot and socket joint. Issued 12-15-31. (28)
- 1,837,124; Hering Fritz. Wire spoke wheel. Issued 12-15-31. (28)
- 1,837,161; Herz Walter. Method of rolling tubes. Issued 12-15-31. (28)
- 1,837,196; Berges Carl et al; Berges Wilhelm. Bending machine. Issued 12-22-31. (28)
- 1,837,336; Ritzfeld Wilhelm. Duplicating apparatus. Issued 12-22-31. (28)
- 1,837,339; Schick Gustav. Atomizing nozzle. Issued 12-22-31. (28)
- 1,837,439; Holzwarth Hans. Turbine blade for gas and steam turbines. Issued 12-22-31. (28)
- 1,837,456; All. Siemens and Halske A G. Circuit arrangement for preselectors. Issued 12-22-31. (28)
- 1,837,612; All. Hesser Fr Maschinenfabrik A G. Device for laying off sections continuously severed from webs. Issued 12-22-31. (28)
- 1,837,642; Yamanaka Naofiro. Talking machine. Issued 12-22-31. (39)
- 1,837,679; All. Kalle and Co A G. Process for the development of diazo types. Issued 12-22-31. (28)
- 1,837,682; Searight Richard Butler. Apparatus for producing webs of fabric coated with rubber. Issued 12-22-31. (28)
- 1,837,700; Bussenius Albert. Direction indicator. Issued 12-22-31. (28)
- 1,837,736; Thriene Ernst. Hair undulating apparatus. Issued 12-22-31. (28)
- 1,837,787; Meiser Josef. Iron coffer dam pile. Issued 12-22-31. (28)
- 1,837,794; Rauwald Ferdinand. Sheet metal plank. Issued 12-22-31. (28)
- 1,837,845; All. Fiat S A. Fuel tank arranged on the dashboard of motor vehicles. Issued 12-22-31. (38)
- 1,837,867; Hilscher Curt. Hosiery knitting machine. Issued 12-22-31. (28)
- 1,837,871; All. Deutsche Gasgluhlicht Auer GmbH. Refrigerating plant. Issued 12-22-31. (28)
- 1,837,887; Schmidt Paul. Device for regulating the output of centrifugal pumps. Issued 12-22-31. (28)
- 1,837,896; Costanievich Leone. Method of promoting propeller efficiency and means thereof. Issued 12-22-31. (38)
- 1,837,910; All. Brehmer Gebruder Maschinenfabrik. Paper folding and wire stitching machine. Issued 12-22-31. (28)
- 1,837,917; Muller Ernst. Whip stitch sewing machine. Issued 12-22-31. (28)
- 1,837,922; Preiss Paul. Water borne vehicle on wheels. Issued 12-22-31. (28)
- 1,837,926; Toennissen Ernst. Multiple roller drawing frame with tilting lever weight. Issued 12-22-31. (28)
- 1,837,931; Walbrohl Wilhelm. Brush of steel wire springs. Issued 12-22-31. (28)
- 1,837,932; Weigl Ernst. Syringe. Issued 12-22-31. (28)
- 1,837,940; All. Ade Direktor Arthur. Traller coupling. Issued 12-22-31. (28)
- 1,837,944; Blum Carl Robert. Method and apparatus for recording series of motion. Issued 12-22-31. (28)
- 1,837,988; Oberschulte Hermann. Dolphin. Issued 12-22-31. (28)
- 1,837,999; Ristow Alfred. Radio receiving system. Issued 12-22-31. (28)
- 1,838,002; Sacerdoti Camillo. Electrically driven road vehicle. Issued 12-22-31. (38)
- 1,838,009; Strecker Gerald. Surface atomizer for liquid fuel. Issued 12-22-31. (28)
- 1,838,035; All. Fondera S A Del Pignone. Automatic parachute. Issued 12-22-31. (38)
- 1,838,064; All. Ges Wirtschaftlichen Bahnbau. Railway or tramway rail joint. Issued 12-22-31. (28)
- 1,838,260; All. Kern Adolf. Central cooling plant. Issued 12-29-31. (28)
- 1,838,265; All. Siemens Schuckertwerke A G. Automatic control system for steam generators. Issued 12-29-31. (28)
- 1,838,284; Refsgaard Anton Carl. Tune sheet key indicator. Issued 12-22-31. (28)
- 1,838,354; Bauer Fritz. Aircraft. Issued 12-29-31. (28)
- 1,838,389; Goldberg Emanuel. Statistical machine. Issued 12-29-31. (28)
- 1,838,479; All. Hesser Fr Maschinenfabrik A G. Wrapper feeding and gumming machine. Issued 12-29-31. (28)
- 1,838,480; All. Hesser Fr Maschinenfabrik A G. Device for continuously drying paper webs provided with areas of varnish. Issued 12-29-31. (28)
- 1,838,519; Antoni Ugo. Propeller for submerging and steering subaqueous and floating vessels. Issued 12-29-31. (38)
- 1,838,533; Crespi Giovanni. Dough kneading machine. Issued 12-29-31. (38)
- 1,838,541; All. Terni soc per l'industria e Siemens Martin. Furnace. Issued 12-29-31. (38)
- 1,838,551; Hubner Otto. Journal bearing for rail vehicles. Issued 12-29-31. (28)
- 1,838,556; All. Faber A W Castell Bleistift. Packing container. Issued 12-29-31. (28)
- 1,838,577; All. Ges fur lindes eismaschinen A G. Process for the purification of coke oven gases. Issued 12-29-31. (28)
- 1,838,629; Melazzo Giovanni. Synchronous motor driven converter. Issued 12-29-31. (38)
- 1,838,700; All. Ural maschinen. Portable motor. Issued 12-29-31. (6)
- 1,838,835; Hopper Franz Xaver. Press. Issued 12-29-31. (6)
- 1,838,895; All. Fiat S A. Engine hood for motor vehicles. Issued 12-29-31. (38)
- 1,838,998; Loesche Ernst Curt. Crushing mill. Issued 12-29-31. (28)
- 1,839,011; Bielicke Willy F. Lens combination. Issued 12-29-31. (28)
- 1,839,133; All. Schmidtsche Heissdampf GmbH. Superheater heated by superheated steam. Issued 12-29-31. (28)
- 1,839,137; Wunner Alois. Telephonic loud speaker. Issued 12-29-31. (28)
- 1,839,138; All. Krupp Fried A G. Bookkeeping machine. Issued 12-29-31. (28)
- 1,839,157; Mathesius Walther. Titanium steel and the process of manufacturing the same. Issued 12-29-31. (28)
- 1,839,163; Pelz Alfons. Formation of paper bags. Issued 12-29-31. (28)
- 1,839,168; All. Drager Otto Heinrich. Fabric for gas protection masks or the like and method for producing same. Issued 12-29-31. (28)
- 1,839,270; All. Senftner & Co GmbH. Radioactive means for activating water in bottles. Issued 1-5-32. (28)
- 1,839,335; Ohr Ludwig. Protective Device for film projecting apparatus. Issued 1-5-32. (28)
- 1,839,339; Peters Oskar Erich. Reel. Issued 1-5-32. (28)
- 1,839,347; Seppeler Eduard. Propeller. Issued 1-5-32. (28)
- 1,839,354; All. Losenhausenwerk. Device for measuring moments of torsion. Issued 1-5-32. (28)
- 1,839,355; All. Concordia S A Romana Pentru. Driving mechanism for lone stroke Canadian pumps of oil well rigs. Issued 1-5-32. (57)
- 1,839,356; Szente Aurel. Electromagnetic winding mechanism for clockwork. Issued 1-5-32. (6)
- 1,839,422; All. Universelle. Apparatus for shaping cigar bunches. Issued 1-5-32. (28)
- 1,839,454; Addicks Albert. Safety device for vehicles particularly power driven vehicles. Issued 1-5-32. (28)
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- 1,839,746; Eschbach Wilhelm et al; Friederich Walter. Electric fuse. Issued 1-5-32. (28)
- 1,839,747; Eschbach Wilhelm. Fuse composition stream member having reinforced ignition. Issued 1-5-32. (28)
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- 1,840,044; Mattes Hans. Tongs for splitting wood. Issued 1-5-32. (28)
- 1,840,103; Junkers Hugo. Riveting tool. Issued 1-5-32. (28)
- 1,840,143; Weindl Karl. Film cartridge. Issued 1-5-32. (28)
- 1,840,326; All. I G Farbenindustrie A G. Production of yellow iron oxide pigments. Issued 1-12-32. (28)
- 1,840,333; All. Kalle & Co A G. Solid state diazo compounds and process of preparing them. Issued 1-12-32. (28)
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- 1,840,444; Grune Max. Machine for working the heel seat of shoes boots and the like. Issued 1-12-32. (28)
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- 1,840,477; Vor Frommer Rudolf. Charger loading rifle and charger thereto. Issued 1-12-32. (34)
- 1,840,478; Von Frommer Rudolf. Trigger and safety mechanism for sporting guns. Issued 1-12-32. (34)
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- 1,840,765; All. Edeleanu GmbH. Process for the continuous treatment of Hydrocarbons. Issued 1-12-32. (28)
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- 1,840,976; Roos August. Autographic register. Issued 1-12-32. (28)
- 1,841,063; All. Kupfer Reinold. Episcopic projection apparatus for metallic films and the like. Issued 1-12-32. (28)
- 1,841,131; Kahlhofer Heinz. Apparatus for the production of hair waves. Issued 1-12-32. (6)
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- 1,841,165; All. Girmes Messrs Johs & Co A G. Warp knitting machine. Issued 1-12-32. (28)
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- 1,841,200; Von Le Juge Sergius. Preheater for boiler feed water. Issued 1-12-32. (28)
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- 1,841,344; Baer Alfred. Packing for the rotary valves of internal combustion engines. Issued 1-12-32. (28)
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- 1,841,781; All. Siemens Schukertwerke A G. Blow striking implement. Issued 1-19-32. (28)
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- 1,841,858; All. Union Special Maschinen. Feeding mechanism for sewing machines. Issued 1-19-32. (28)
- 1,841,859; All. Union Special Maschien. Feeding mechanism for sewing machines. Issued 1-19-32. (28)
- 1,841,867; Wiegelmann Hubert. Device for producing shadow lines on work pieces. Issued 1-19-32. (28)
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- 1,842,018; All. I G Farbenindustrie A G. Production of nitrogenous products. Issued 1-19-32. (28)
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- 1,842,062; Becker Alfred Curt. Gas heated utensil. Issued 1-19-32. (28)
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- 1,842,129; Thomas Emil. Steering device for trailers attached to motor vehicles. Issued 1-19-32. (28)
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- 1,842,264; Greter Carl. Electric switch. Issued 1-19-32. (28)
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- 1,842,326; Kohlmeyer Ernst Justus. Process for dezincing of ores or smelter products. Issued 1-19-32. (28)
- 1,842,406; Kattwinkel Hans. Apparatus for applying frictional coverings to the laminations of friction clutches and the like. Issued 1-26-32. (28)
- 1,842,498; Zuckermann Clara. Clothes hanger. Issued 1-26-32. (6)
- 1,842,590; Dubosc Edgardo. Gear Wheel. Issued 1-26-32. (38)
- 1,842,636; All. Fiat S A. Variable speed gearing particularly for motor vehicles. Issued 1-26-32. (38)
- 1,842,648; All. Siemens & Halske A G. Electric condenser. Issued 1-26-32. (28)
- 1,842,668; Haarer Julius. Cigar making machine. Issued 1-26-32. (28)
- 1,842,675; Kannenberg Karl. Mask for welding and the like operations. Issued 1-26-32. (28)
- 1,842,678; Kreuzeder Karl. Method of mechanically producing a bunch shaped hollow rib in the back plate of artificial teeth. Issued 1-26-32. (28)
- 1,842,702; Von Dombrowski Kathe. Attaching collars cuffs trimmings etc. to women's dresses. Issued 1-26-32. (28)
- 1,842,710; All. Luftschiffbau Zeppelin GmbH. Device for drying lifting gas for airships. Issued 1-26-32. (28)
- 1,842,725; All. Fritz Werner A G. Driving mechanism for machine tools such as planing machines grinding machines and the like. Issued 1-26-32. (28)
- 1,842,738; Welter Adolf. Compressed air soap. Issued 1-26-32. (28)
- 1,842,739; Welter Adolf. Compressed air soap. Issued 1-26-32. (28)
- 1,842,788; Kramer Bernhard. Fluid controlling device. Issued 1-26-32. (28)
- 1,842,789; Langenbach Heinrich. Method of making circular saws with inserted teeth. Issued 1-26-32. (28)
- 1,842,843; All. Rhenania Kunheim Verein Chemische. Method of making fertilizers. Issued 1-26-32. (28)
- 1,842,847; All. Rheinische Metallwaren und. Safety device for firearms. Issued 1-26-32. (28)
- 1,842,857; All. Laszlo D Antal. Process of the manufacture of a composition of Linoleum. Issued 1-26-32. (34)
- 1,842,862; All. Eisenbau Wyhlen A G. Measuring cock. Issued 1-26-32. (28)
- 1,842,877; All. Lechler Firma Paul. Apparatus for the preparation of emulsions. Issued 1-26-32. (28)
- 1,842,879; Piehler Karl. Concrete mixing machine. Issued 1-26-32. (28)
- 1,842,924; Wenzel Max. Roll suction device. Issued 1-26-32. (28)
- 1,842,926; Winkler Alfred et al; Dunnebier Max. Machine for the manufacture of loosely folded envelopes. Issued 1-26-32. (28)
- 1,842,975; Matticoli Alfredo. Multiplying mechanism for calculating machines. Issued 1-26-32. (38)
- 1,842,988; Kranz Friedrich Clemens. Mill provided with a conical runner. Issued 1-26-32. (28)
- 1,843,012; Bucherer Hans Theodor. Method of carrying out chemical reactions. Issued 1-26-32. (28)
- 1,843,027; All. Universelle Cigarettenmaschinen. Apparatus for shaping paper containers or cardboard boxes with flat rectangular bottoms. Issued 1-26-32. (28)
- 1,843,032; Koch Edmund. Respirator. Issued 1-26-32. (28)
- 1,843,040; Muller Carl Wilhelm. Adhesive applying device for cigarette machines in which the adhesive is forced out of reservoirs into distributing nozzles. Issued 1-26-32. (28)



- 1,843,058; Wrede Fritz. Silver salt of thio-cellobiose and process of preparing the same. Issued 1-26-32. (28)
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- 1,843,119; All. Siemens Schuckertwerke A G. Rotary tiller. Issued 2-2-32. (28)
- 1,843,166; All. Kienzle Uhrenfabriken A G. Fare indicator. Issued 2-2-32. (28)
- 1,843,168; All. Union Special Maschinenfabrik. Ruffing mechanism for sewing machines. Issued 2-2-32. (28)
- 1,843,265; Barenyl Arpad. Photographic shutter. Issued 2-2-32. (28)
- 1,843,316; All. I G Farbenindustrie A G. Detergent. Issued 2-2-32. (28)
- 1,843,382; Brainich Ernst. Tank car for conveying volatile liquids. Issued 2-2-32. (28)
- 1,843,393; All. Rheinische Metallwaren und. Tripod carriage for machine guns. Issued 2-2-32. (28)
- 1,843,424; All. Kuhlmann Franz. Drafting machine. Issued 2-2-32. (28)
- 1,843,437; All. Rheinische Gummi Und Celluloid. Hair comb. Issued 2-2-32. (28)
- 1,843,446; Drager Alexander Bernard. Dec. Cartridge for independent breathing apparatus. Issued 2-2-32. (28)
- 1,843,449; All. Hesser Fr Maschinenfabrik A G. Machine for closing filled bags. Issued 2-2-32. (28)
- 1,843,493; Pfeifenbring Oscar. Support for raisedly standing and stepping. Issued 2-2-32. (28)
- 1,843,519. All. Zeiss Carl Firm. Projection objective. Issued 2-2-32. (28)
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- 1,843,582; Schmitt Georg Gustav Emil. Swimming appliance. Issued 2-2-32. (28)
- 1,843,586; Werchmeister Wilhelm. Lock protector for motor vehicles. Issued 2-2-32. (28)
- 1,843,616; Mackert Anton. Method for regenerating granular active charcoal. Issued 2-2-32. (28)
- 1,843,638; All. Oesterreichische Tabak Regie. Method and apparatus for reducing the percentage of nicotine contained in raw tobaccos in intermediary products and in tobacco products ready for use. Issued 2-2-32. (6)
- 1,843,639; Hansen Theodor. Hose filter. Issued 2-2-32. (28)
- 1,843,702; Ackermann Karl. Apparatus for manufacturing compound castings. Issued 2-2-32. (28)
- 1,843,708; All. Selenophon Licht Und Tonbildge. Apparatus for reproducing sounds recorded on films. Issued 2-2-32. (6)
- 1,843,713; Engstfeld Hans. Wet gas meter. Issued 2-2-32. (6)
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- 1,843,720; Hagen Johannes. Shaving apparatus. Issued 2-2-32. (28)
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- 1,843,801; Cattaneo Giustino. Air cooling of the cylinders of internal combustion engine. Issued 2-2-32. (38)
- 1,843,815; Walter Erich Hartung Carl A et al. Governor provided with an auxiliary force. Issued 2-2-32. (28)
- 1,843,822; Kogel Gustav. Photographic printing process. Issued 2-2-32. (28)
- 1,844,024; Weber Ottomar. Means for fastening trees to props. Issued 2-9-32. (28)
- 1,844,043; Picco Alfredo. Spring cushion inclosing shock absorbing means. Issued 2-9-32. (38)
- 1,844,140; Alten Victor. Trailer coupling for tractor vehicles. Issued 2-9-32. (28)
- 1,844,152; Funck Paul Wilhelm. Machine for forming hanks from threads of food paste. Issued 2-9-32. (28)
- 1,844,158; Hain Heinrich. Fruit picker. Issued 2-9-32. (28)
- 1,844,185; All. Amberger Flaschenhütten A G. Glass forming machine. Issued 2-9-32. (28)
- 1,844,191; Tessky Karl. Screw cutting appliance for lathes. Issued 2-9-32. (28)
- 1,844,218; All. Fabbrica Italiana Magneti Marelli. Ignition magneto. Issued 2-9-32. (38)
- 1,844,224; All. Telegraphic patent syndikat GmbH. Device for rewinding magnetic record carriers and the like. Issued 2-9-32. (28)
- 1,844,251; Heimberger Hermann. Hydraulic drive. Issued 2-9-32. (28)
- 1,844,296; All. Fabbrica Italiana Magneti Marelli. Ignition magneti. Issued 2-9-32. (38)
- 1,844,322; Golz Georg Emil Wilhelm. Electromagnetic power transmission mechanism. Issued 2-9-32. (28)
- 1,844,555; All. Deutsche Maschinenfabrik A G. Adjustable bearing for roll straightening machines. Issued 2-9-32. (28)
- 1,844,566; Dienes Karl Rudolf. Milling cutter pressed from sheet metal. Issued 2-9-32. (28)
- 1,844,589; All. Takata Masaru. Safety razor. Issued 2-9-32. (39)
- 1,844,754; Geller Robert. Manufacture of solid alcohols. Issued 2-9-32. (28)
- 1,844,957; Hofmann Johannes Wilhelm. Supporting or carrying clamp for electrical overhead or aerial lines. Issued 2-16-32. (28)
- 1,844,970; Muller Karl Arnold Paul et al. Steam cooking apparatus and closure therefor. Issued 2-16-32. (28)
- 1,844,994; All. Vereinigte Stahlwerke A G. Iron and steel. Issued 2-16-32. (28)
- 1,845,000; All. Deutsche Gasluhllicht Auer GmbH. Method for indicating the exhaustion of substances used for cleaning gases. Issued 2-16-32. (28)
- 1,845,108; All. Fiat S A. Arrangement for operating rods. Issued 2-16-32. (38)
- 1,845,134; Denhof Hans. Process and machine for uniformly distributing impregnating mediums on articles of washing. Issued 2-16-32. (6)
- 1,845,155; Jordan Franz. Process for raising the resistance of zinc to tearing during rolling. Issued 2-16-32. (28)
- 1,845,224; Blanc Gian Alberto. Method for the separation of aluminum nitrate from potassium sodium iron calcium magnesium nitrates present in mixed solutions of these salts. Issued 2-16-32. (38)
- 1,845,228; Brackelsberg Karl Dec. Process and apparatus for melting down easily fusible alloys. Issued 2-16-32. (28)
- 1,845,289; Koenemann Ernst. Method of and plant for heating apparatus especially such forming parts of chemical plants. Issued 2-16-32. (28)
- 1,845,361; All. Vadaszoltény Gyutacs E S. Fire stone holder for pyrophoric lighters. Issued 2-16-32. (34)
- 1,845,461; Welter Adolf. Process for rendering odorless soaps bleached with hypochlorous acid. Issued 2-16-32. (28)
- 1,845,523; Schmidt Otto. Precision quick balance. Issued 2-16-32. (28)
- 1,845,560; Ruping Max. Securing means for rails. Issued 2-16-32. (28)
- 1,845,620; All. Motorenfabrik Deutz A G. Precombustion chamber for airless injection oil engines. Issued 2-16-32. (28)
- 1,845,755; All. I G Farbenindustrie A G. New acrolein condensation product. Issued 2-16-32. (28)
- 1,845,835; All. I G Farbenindustrie A G. Measuring the intensity of ultra violet rays. Issued 2-16-32. (28)
- 1,845,847; All. Hennefer Maschinenfabrik C Reuther. Baffle device for discharge funnels. Issued 2-16-32. (28)
- 1,845,876; All. Chemische Werke Vorm H & E Albert. Process for the production of alumina and alkali phosphates. Issued 2-16-32. (28)
- 1,845,893; All. Hartmann Rud A Co. Method and apparatus for treatment of animal matters. Issued 2-16-32. (28)
- 1,845,946; Weidenbacher Josef. Portable shed structure. Issued 2-16-32. (28)
- 1,845,955; Bonom Alfred. Turbine. Issued 2-16-32. (38)
- 1,845,989; All. Kalle & Co A G. Light sensitive layers and process of preparing them. Issued 2-16-32. (28)
- 1,846,092; Dietrich Walther et al; Bergl Klemens. Apparatus for the production of cold. Issued 2-23-32. (28)
- 1,846,110; All. Telegraphie Patent Syndikat GmbH. Magnetic sound record carrier. Issued 2-23-32. (28)
- 1,846,119; All. Brehmer Gebrüder Maschinen Fabrik. Paper folding machine. Issued 2-23-32. (28)
- 1,846,148; Rumpf Ernst. Automatic feed weighing apparatus. Issued 2-23-32. (28)
- 1,846,156; All. Rheinische Metallwaren und. Automatic firearm. Issued 2-23-32. (28)
- 1,846,165; Vogel Max. Stapling machine. Issued 2-23-32. (28)
- 1,846,166; Voss John. Elastic suspension for electric lamps and the like. Issued 2-23-32. (28)
- 1,846,175; Asbeck Gustav. Rolling mill. Issued 2-23-32. (28)
- 1,846,201; Hoffmeister Wilhelm Arno Max. Apparatus for and method of paraffining material. Issued 2-23-32. (28)
- 1,846,209; All. Gartstoff Metall A G Hame-tag. Separator. Issued 2-23-32. (28)
- 1,846,210; All. Hartstoff Metall A G. Air separator. Issued 2-23-32. (28)
- 1,846,229; Sternberg Emil. Lock for small arms. Issued 2-23-32. (28)
- 1,846,231; Susman Kate. Listening apparatus. Issued 2-23-32. (6)
- 1,846,234; Van Royen Herman Johan. Refining process for producing pure iron. Issued 2-23-32. (28)
- 1,846,237; All. Motorenfabrik Deutz A G. Hand control for Diesel vehicle motors. Issued 2-23-32. (28)
- 1,846,238; Windisch Gabriele. Penholder. Issued 2-23-32. (6)
- 1,846,276; Richter Arthur. Flat hosery frame. Issued 2-23-32. (28)
- 1,846,280; Strichow Karl. Device for measuring and recording liquids in a predetermined quantity. Issued 2-23-32. (28)
- 1,846,281; Strichow Karl. Apparatus with a rotatable tilting drum for drawing off liquids. Issued 2-23-32. (28)
- 1,846,293; All. Atlas Werke A G. Device for operating bulkhead doors. Issued 2-23-32. (28)
- 1,846,332; Horn Guido. Brake for vehicles. Issued 2-23-32. (28)
- 1,846,341; Jung Karl. Surface grinding machine. Issued 2-23-32. (28)
- 1,846,428; Kunz Georg Albert. Vertical tube boiler for waste heat especially from water gas. Issued 2-23-32. (28)
- 1,846,531; All. Telegraphie Patent Syndikat GmbH. Electromagnetic recording arrangement for acoustic vibrations. Issued 2-23-32. (28)
- 1,846,549; Geiger Julius. Dredging machine. Issued 2-23-32. (28)
- 1,846,558; Junghans Siegfried. Process for making self improving aluminum alloys. Issued 2-23-32. (28)
- 1,846,559; All. Hennefer Maschinenfabrik C Reuther. Feeding device on automatic weighing machines. Issued 2-23-32. (28)

- 1,846,560; Kattwinkel Hans. Frictional body for couplings and the like and method of making same. Issued 2-23-32. (28)
- 1,846,562; Longo Antonio et al; Longo Gaetano. Rotating wing device for increasing the carrying capacity of aeroplane wings. Issued 2-23-32. (38)
- 1,846,575; Weingand Richard. Manufacturing articles from cellulose compounds. Issued 2-23-32. (28)
- 1,846,654; All. Maschinenfabrik Augsburg. Safety device for two stroke cycle gas engines. Issued 2-23-32. (28)
- 1,846,765; All. Kupfer Reinold. Protection of metallic films from galvanic reactions on photographic layers or the like being applied to them. Issued 2-23-32. (28)
- 1,846,785; All. Krupp Fried A G. Driving gear for cash registers and calculating machines. Issued 2-23-32. (28)
- 1,846,806; All. Hausen Josef. Absorbent for acetylene gas. Issued 2-23-32. (28)
- 1,846,807; All. Universeele Cigarettenmaschinen. Cutter for cigarette machines. Issued 2-23-32. (28)
- 1,846,808; All. Universeele Cigarettenmaschinen. Apparatus for mechanically separating cigarettes with tips differing from the normal length. Issued 2-23-32. (28)
- 1,846,859; Gminder Emil. Production of bast fibers from vegetable stalks. Issued 2-23-32. (28)
- 1,846,908; All. Merkel and Lienlin GmbH. Method of impregnating wool. Issued 2-23-32. (28)
- 1,846,910; Schneider Ferdinand. Electric wave indicator. Issued 2-23-32. (28)
- 1,846,964; All. Württembergische Metallwarenfabrik. Steam cooking pot. Issued 2-23-32. (28)
- 1,846,991; Carlson Albin Vitalis. Method of increasing the output of mechanical roasting furnaces and the like. Issued 2-23-32. (28)
- 1,847,001; All. Schmidt Sche Heissdampf GmbH. Steam generating plant indirectly heated by a circulating heat carrier. Issued 2-23-32. (28)
- 1,847,024; Stern Ottokar. Method of filling pits. Issued 2-23-32. (6)
- 1,847,040; Roth Erich. Process of transforming a uniform rotary motion. Issued 2-23-32. (28)
- 1,847,067; Brouwers Hermann Jr. Tag stapling device of the plier type. Issued 3-1-32. (28)
- 1,847,077; Boeck Alfred A. Window shade. Issued 3-1-32. (28)
- 1,847,098; Otto Carl. Apparatus for the regulation of pressure in the coking chambers of coke ovens. Issued 3-1-32. (28)
- 1,847,107; All. Wagner Fritz and Co. Valve comprising an equalizing chamber a main and an auxiliary valve. Issued 3-1-32. (28)
- 1,847,115; Hildenbrand Emil; Kummerle Adolf et al. Direction indicator for cycles and the like. Issued 3-1-32. (28)
- 1,847,173; Cohen Venezian Carlo. Aerial vehicle. Issued 3-1-32. (38)
- 1,847,200; Vollmerhaus Ewald. Pipe bending machine. Issued 3-1-32. (28)
- 1,847,203; Zerver David. Holder for tools or implements. Issued 3-1-32. (28)
- 1,847,341; All. Wirtschaftlichen Bahnoberrbau. Railway rail joint. Issued 3-1-32. (28)
- 1,847,350; Mathesius Hans; Mathesius Walter et al. Process of manufacturing titanium steel. Issued 3-1-32. (28)
- 1,847,352; McClatchie Stanley Silencing vacuum cleaners. Issued 3-1-32. (28)
- 1,847,465; Bergfeld Emil. Automatic indicating target. Issued 3-1-32. (28)
- 1,847,492; All. I G Farbenindustrie A G. Manufacture of hydrogen peroxide. Issued 3-1-32. (28)
- 1,847,497; Prinz Josef. Water heating apparatus. Issued 3-1-32. (28)
- 1,847,498; Richter Arthur. Flat hosiery frame. Issued 3-1-32. (28)
- 1,847,507; Wilhelmi Johannes Nicolaus. Metallic filing. Issued 3-1-32. (28)
- 1,847,534; All. Neuhut Emil. Luminous sign. Issued 3-1-32. (6)
- 1,847,547; All. Maschinenfabrik Moenus A G. Shoe pounding up machine. Issued 3-1-32. (28)
- 1,847,580; Vorwerk Wilhelm. Ribbon for supporting the button of garters. Issued 3-1-32. (28)
- 1,847,582; All. Gerner Ernst A G. Twisting apparatus for ring spinning frames. Issued 3-1-32. (28)
- 1,847,591; All. Michalk Otto. Gear. Issued 3-1-32. (28)
- 1,847,607; Hardt Heinrich. Stethoscope. Issued 3-1-32. (28)
- 1,847,614; Kronenberger Bernard. Appliance for eye diagnosis. Issued 3-1-32. (28)
- 1,847,617; All. Hirsch Kupfer und Messingwerke A G. Hard alloy. Issued 3-1-32. (28)
- 1,847,618; Lutz Anton. Gas meter. Issued 3-1-32. (28)
- 1,847,634; Striefler Heinrich. Airship mast. Issued 3-1-32. (28)
- 1,847,730; Sobek Emanuel. Discharge funnel for kilns. Issued 3-1-32. (6)
- 1,847,749; All. Voran Automobilbau A G. Motor vehicle. Issued 3-1-32. (28)
- 1,847,769; Krucken Peter. Machine and method for treating cigars. Issued 3-1-32. (28)
- 1,847,778; Melamid Michael. Method of performing chemical reactions. Issued 3-1-32. (28)
- 1,847,786; Ritzmann Albin. Clipper. Issued 3-1-32. (28)
- 1,847,787; Schneider Alfons. Mechanism for operating vehicle lifting jacks. Issued 3-1-32. (28)
- 1,847,795; Kristensson August; Thorssell Theodor et al. Process for removing hydrogen sulphide from gases. Issued 3-1-32. (28)
- 1,847,810; Boueke Aibert. Arch supporting insole. Issued 3-1-32. (28)
- 1,847,827; Gahlert Franz Josef. Process for the treatment of artificial silk yarns after spinning. Issued 3-1-32. (28)
- 1,847,837; All. Vereinigte Stahlwerke A G. Method of connecting pipes. Issued 3-1-32. (28)
- 1,847,838; Krell Joseph. Printing plate for addressing and other printing machines. Issued 3-1-32. (28)
- 1,847,840; Levy Eliy. Box for cosmetics. Issued 3-1-32. (28)
- 1,847,873; All. Electro Acoustic GmbH. Air sound apparatus. Issued 3-1-32. (28)
- 1,847,933; All. Maschinenfabrik Augsburg Nurnberg. Sluice gate for weirs. Issued 3-1-32. (28)
- 1,847,942; Grieser Friedrich. Hair treating device. Issued 3-1-32. (28)
- 1,847,946; All. Holmberg & Co GmbH. Washing machine. Issued 3-1-32. (28)
- 1,847,978; Pisani Marino. Benzine filter. Issued 3-1-32. (38)
- 1,847,996; Belloni Angelo. Submarine rescue emerging compartment. Issued 3-1-32. (38)
- 1,848,026; Peyinghaus Walter. Axle bearing. Issued 3-1-32. (28)
- 1,848,039; Zimmermann Wilhelm. Deep boring machine. Issued 3-1-32. (28)
- 1,848,131; All. I G Farbenindustrie A G. Production of mixed crystals containing potassium and ammonium. Issued 3-8-32. (28)
- 1,848,231; All. Siemens A G. Reheating furnace. Issued 3-8-32. (28)
- 1,848,252; Hermann Franz Josef. Dust removing device for threshing machines. Issued 3-8-32. (28)
- 1,848,255; All. Ludwig Curt. Floatless carburetor. Issued 3-8-32. (28)
- 1,848,295; All. Bayerische Stickstoffwerke A G. Process for production of phosphoric acid and hydrogen. Issued 3-8-32. (28)
- 1,848,312; All. Bandini Raffaele Archimede. Manufacture of glass filled screw plug bases. Issued 3-8-32. (38)
- 1,848,336; Ferrero Paola. Noting apparatus. Issued 3-8-32. (38)
- 1,848,360; Krell Otto. Rotable hangar for airships. Issued 3-8-32. (28)
- 1,848,448; Weidner Edmund. Folding machine for folding letters printed matter or the like. Issued 3-8-32. (28)
- 1,848,504; All. I G Farbenindustrie A G. Process for producing formic acid. Issued 3-8-32. (28)
- 1,848,524; All. G Farbenindustrie A G. Cellulose esters of inorganic acids. Issued 3-8-32. (28)
- 1,848,549; Rieger Gotthilf. Calculating machine. Issued 3-8-32. (28)
- 1,848,581; Stein Johann Georg. Method of raising sunken ships. Issued 3-8-32. (28)
- 1,848,615; Föttinger Hermann. Power transmitting system. Issued 3-8-32. (28)
- 1,848,616; Föttinger Hermann. Device for coupling or braking. Issued 3-8-32. (28)
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- 1,848,707; All. Hesser Fr Maschinenfabrik A G. Device for introducing folding boxes in packing machines. Issued 3-8-32. (28)
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- 1,848,730; Lange Heinrich. Well filter. Issued 3-8-32. (28)
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- 1,848,872; Hausleiter Fritz Hermann. Photo-mechanical printing. Issued 3-8-32. (28)
- 1,848,785; Jung Max. Method of & apparatus for removing moisture from solid materials. Issued 3-8-32. (28)
- 1,848,786; All. Berlin Karlsruher Industrie Werke AG. Method of making spinning bobbins. Issued 3-8-32. (28)
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- 1,848,795; Nier Ernst Richard. Target practice apparatus. Issued 3-8-32. (28)
- 1,848,799; Papalia Michelangelo. Device for automatic telegraphic transmission. Issued 3-8-32. (38)
- 1,848,802; Piller Franz Jr. Process for making multicolor copying screens. Issued 3-8-32. (28)
- 1,848,803; All. Siemenschuckertwerke A G. Automatic furnace regulating device for steam boilers. Issued 3-8-32. (28)
- 1,848,882; All. Neufeldt & Kuhnke. Light electric regulating device. Issued 3-8-32. (28)
- 1,848,926; Barenyl Arpad. Photographic shutter. Issued 3-8-32. (28)
- 1,848,958; Lindhorst Heinrich. Process for the hardening of iron and the like with the aid of a gas generated in the hardening furnace. Issued 3-8-32. (28)
- 1,848,043; All. Rhenania Kunheim Verein Chemischer. Production of solid ammonium carbonate. Issued 3-8-32. (28)
- 1,849,176; De Fries Alfred. Windscreen. Issued 3-15-32. (28)
- 1,849,192; Kriedl Ignaz. Opacifying substance for enamels glasses and the like. Issued 3-15-32. (6)
- 1,849,202; Pfluger Rudolf. Great circle ruling device. Issued 3-15-32. (28)



- 1,849,209; Cremer Conrad; Hecking Arnulf; Schlotterbeck Fritz; Stockhausen Hans et al. Process of sulphonating oils and fats. Issued 3-15-32. (28)
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- 1,849,230; Greinelsen Wilhelm. Stocking suspender. Issued 3-15-32. (28)
- 1,849,242; Moll Hermann. Reversing valve. Issued 3-15-32. (28)
- 1,849,317; Schaeffer Alfred. Carburetor. Issued 3-15-32. (28)
- 1,849,325; Gussalli Luigi. Vehicle for undulating ground. Issued 3-15-32. (38)
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- 1,849,463; Lindstedt Otto. Device for improving the tone of steel strings. Issued 3-15-32. (28)
- 1,849,464; Mader-Emil. Demountable wheel rim assembly. Issued 3-15-32. (28)
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- 1,849,559; Troger Herbert. Tanning for the production of leathers of various kinds. Issued 3-15-32. (28)
- 1,849,567; All. Dragerwerk Heiner and Barnh Drager. Breathing implement. Issued 3-15-32. (28)
- 1,849,569; Coco Biagio Antonino; Condorelli Pietro et al. Process for extracting the juice from liquorice. Issued 3-15-32. (38)
- 1,849,588; All. Schmidt Sche Heissdampf GmbH. Two pressure boiler installation. Issued 3-15-32. (28)
- 1,849,591; Rado Leopold. Device for cutting continuous sheets of a very thin material. Issued 3-15-32. (28)
- 1,849,593; Schonfeld Paul. Hosiery. Issued 3-15-32. (28)
- 1,849,611; All. Officine Lombarde Apparechi Di. Process and apparatus for ascertaining the ordnance data necessary for firing missiles into the air. Issued 3-15-32. (38)
- 1,849,626; All. Vereiningte Stahlwerke AG. Machine for automatically shaping stones and the like. Issued 3-15-32. (28)
- 1,849,728; Bachmann Heinrich. Taper pin. Issued 3-15-32. (28)
- 1,849,741; Doppenschmitt Friedrich. Flexible band. Issued 3-15-32. (28)
- 1,849,926; Holtkamp Otto. Table for invalids beds. Issued 3-15-32. (28)
- 1,849,948; Muchler Fritz. Hose clip. Issued 3-15-32. (28)
- 1,849,949; Muller Erich. Pipe stopper apparatus. Issued 3-15-32. (28)
- 1,849,962; Sindermann Adolf. Means for the surface dressing of materials in particular of hairy materials. Issued 3-15-32. (6)
- 1,849,973; Buchwald Reinhard. Rolling tube. Issued 3-15-32. (28)
- 1,849,983; Junkers Adolf Heinrich. Device for forming a yarn store. Issued 3-15-32. (28)
- 1,849,986; Merk Friedrich. Automatic telephone switch. Issued 3-15-32. (28)
- 1,849,992; All. Fiat S A. Throttle and ignition control. Issued 3-15-32. (38)
- 1,849,995; Schlegries Eduard. Tamping machine. Issued 3-15-32. (28)
- 1,850,022; Tubben Ludwig; Maruhn Johannes et al. Method of producing hydrocarbons. Issued 3-15-32. (28)
- 1,850,026; Meiser Josef. Rolling of channel sections with wide flanges. Issued 3-15-32. (28)
- 1,850,034; Samaia Dino. Bomb thrower divisible in two parts adapted to be carried on man's back. Issued 3-15-32. (38)
- 1,850,036; Steffen Carl Jr. Support for the feet process for obtaining tricalcium saccharate rich in sugar and poor in lime and of a very high degree of purity. Issued 3-15-32. (6)
- 1,850,041; All. Fiat S A. Variable speed gearing particularly for motor vehicles. Issued 3-15-32. (38)
- 1,850,099; Friedrich Karl et al; Friedrich Curt. Process of producing articles covered by cold process with a glaze like coating. Issued 3-22-32. (28)
- 1,850,107; All. I G Farbenindustrie A G. Treatment with liquid of fibers wound upon permeable spools. Issued 3-22-32. (28)
- 1,850,126; Bruckner Gustav. Automatic welding machine. Issued 3-22-32. (28)
- 1,850,143; All. Minimax A G. Precipitation of dust. Issued 3-22-32. (28)
- 1,850,150; Horn Heinrich. Machine for working liquid pulverulent and granular masses. Issued 3-22-32. (28)
- 1,850,243; Schneider Anton. Floating frame for reduction of road vibration. Issued 3-22-32. (28)
- 1,850,253; All. Deutsche Gasgluhlicht Auer GmbH. Apparatus for stenciling luminous dials for clocks measuring instruments and the like. Issued 3-22-32. (28)
- 1,850,331; Ohler Johann Friedrich. Positively actuated grinding wheel feed for saw sharpening machines. Issued 3-22-32. (28)
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- 1,850,477; Roth Ernst. Producing metallic ingots. Issued 3-22-32. (28)
- 1,850,502; Hilker Heinrich. Fluff removal device for looms. Issued 3-22-32. (28)
- 1,850,515; Peltz Georg. Device for joining carbon electrodes. Issued 3-22-32. (28)
- 1,850,548; All. Lorenz A G. Wireless signal. Issued 3-22-32. (28)
- 1,850,636; Schauer Ignaz. Folding table. Issued 3-22-32. (6)
- 1,850,648; Wiedemann Hans. Apparatus for carbonizing solid carbonizable material. Issued 3-22-32. (28)
- 1,850,655; All. Heintze Firm and Blanckertz. Engraving tool. Issued 3-22-32. (28)
- 1,850,682; All. I G Farbenindustrie A G. Substituted guanidines. Issued 3-22-32. (28)
- 1,850,799; All. Werner Fritz A G. Grinding machine particularly for spline shafts. Issued 3-22-32. (28)
- 1,850,997; All. I G Farbenindustrie A G. Production of resistant silver surfaces. Issued 3-29-32. (28)
- 1,851,040; All. I G Farbenindustrie A G. Production of chloropropionic esters. Issued 3-29-32. (28)
- 1,851,074; Wagener Theodor. Concrete conveying bucket. Issued 3-29-32. (28)
- 1,851,080; Becker Otto. Safety belt. Issued 3-29-32. (28)
- 1,851,155; All. Deutsche Elektrizitätswerke Zu. Induction motor. Issued 3-29-32. (28)
- 1,851,168; Lorster Franz August Gerhard. Quarter tone keyboard musical instrument. Issued 3-29-32. (28)
- 1,851,210; Palazzo Francesco Carlo et al; Palazzo Fortunato. Process for producing mixtures of mono calcium and di calcium phosphates. Issued 3-29-32. (38)
- 1,851,215; All. Neuerburg Sche. Process for measuring quantities of loose material more particularly cut tobacco for continuously fed machines. Issued 3-29-32. (28)
- 1,851,236; Baseler Wolfgang et al; Hofmann Fritz. Device for the optical transmission of signals. Issued 3-29-32. (28)
- 1,851,251; Hurlimann Oskar. Device for distributing air or gases in fluids. Issued 3-29-32. (28)
- 1,851,252; Junkers Adolf Heinrich. Device for forming yarn stores. Issued 3-29-32. (28)
- 1,851,298; Volmer Max. Process of recording electric impulses. Issued 3-29-32. (28)
- 1,851,317; Leitz Ernst Firm. Apparatus for making stereograms. Issued 3-29-32. (28)
- 1,851,328; Rausch Gottfried. Dough dividing and kneading machine. Issued 3-29-32. (28)
- 1,851,391; Korten Ernst. Process for producing amino derivatives of hexahydrodiphenyl. Issued 3-29-32. (28)
- 1,851,401; All. Tasma Addieb Maschinen GmbH. Calculating machine. Issued 3-29-32. (28)
- 1,851,418; Buchner Max. Process for the production of alkali metal hydroxide by conversion of alkali metal salts with alkaline earth metal hydroxide. Issued 3-29-32. (28)
- 1,851,476; All. I G Farbenindustrie A G. Decomposing beryl. Issued 3-29-32. (28)
- 1,851,503; All. Enn Werke Neu and Neuburger. Electric torch. Issued 3-29-32. (28)
- 1,851,649; Schindler Kurt. Punching ball. Issued 3-29-32. (28)
- 1,851,652; All. I G Farbenindustrie A G. Process of separating hydrogen fluoride from silicon fluoride. Issued 3-29-32. (28)
- 1,851,684; Pruss Max. Clarification plant. Issued 3-29-32. (28)
- 1,851,763; Goller Karl Hermann. Process of bating hides and skins. Issued 3-29-32. (28)
- 1,851,786; Volcker Ernst. Vertical tube boiler. Issued 3-29-32. (28)
- 1,851,787; Vorwerk Wilhelm. Tab for hose or stocking supporters. Issued 3-29-32. (28)
- 1,851,822; All. Holzhydrolyse A G. Process for the saccharification of vegetable material containing pentosans. Issued 3-29-32. (28)
- 1,851,829; Gonyk Ignatz. Scythe straw knife and the like. Issued 3-29-32. (6)
- 1,851,848; All. Vereinigte Stahlwerk A G. Rolling mill roll. Issued 3-29-32. (28)
- 1,851,863; Nobst Georg. Jacquard apparatus for textile machines with movable implements for forming loops. Issued 3-29-32. (28)
- 1,851,872; All. Sohn C H Boehringer. Method for obtaining theobromine. Issued 3-29-32. (28)
- 1,851,882; All. Hermsdorf Schomburg. Suspension insulator. Issued 3-29-32. (28)
- 1,851,884; All. Fiat S A. Device for cambering spring leaves. Issued 3-29-32. (38)
- 1,851,893; All. Deutsche Wollen Waren Manufaktur A G. Preparation of wool containing fabrics for dyeing purposes. Issued 3-29-32. (28)
- 1,851,898; Eckhardt Fritz et al; Hohnekamp Max. Safety device for electric incandescent lamps. Issued 3-29-32. (28)
- 1,851,945; Kremmling Otto. Apparatus for expressing bakers material. Issued 3-29-32. (28)
- 1,851,970; Heller Alfred; Askenasy Paul et al. Process of chlorinating ethylene. Issued 4-5-32. (28)
- 1,852,040; Blank Carl. Surgical bandage. Issued 4-5-32. (28)
- 1,852,043; All. New York Hamburger Gummi Waren Sie. Chlorination of rubber. Issued 4-5-32. (28)
- 1,852,046; Ficken Hermann. Liquid spray for perfume or medicinal purposes. Issued 4-5-32. (28)
- 1,852,065; All. I G Farbenindustrie A G. Impregnating webs cloths and fabrics. Issued 4-5-32. (28)
- 1,852,097; All. Wiede S Carbidewerk Freyung MBH. Synthetic spinel. Issued 4-5-32. (28)
- 1,852,132; Sieprath Heinrich. Laminated spring. Issued 4-5-32. (28)
- 1,852,209; Kirchner Carl. Electric truck with steering axles. Issued 4-5-32. (28)
- 1,852,247; All. Zahnradfabrik A G. Gear. Issued 4-5-32. (28)

- 1,852,293; All. Schmidt Sche Heissdampf GmbH. High pressure boiler. Issued 4-5-32. (28)
- 1,852,397; All. United Cigarette Machine Co. A G. Cutting device for cigarette strand machines. Issued 4-5-32. (28)
- 1,852,419; Kuchenmeister Heinrich. Film advancing appliance. Issued 4-5-32. (28)
- 1,852,726; All. Johne Werk Grafische Maschinen A G. Cutting machine for paper and the like. Issued 4-5-32. (28)
- 1,852,732; All. Oesterreichischen Fezfabriken A G. Joint for endless bands such as felts. Issued 4-5-32. (6)
- 1,852,786; All. Deutsche Gasgluhlicht Auer GmbH. Method of accelerating the action of breathing cartridges filled with peroxide. Issued 4-5-32. (28)
- 1,852,872; Batke Richard. Card file. Issued 4-5-32. (28)
- 1,852,879; Gluckauf Max. Orthopedic sole. Issued 4-5-32. (28)
- 1,852,965; Goetz Carl. Process for obtaining metals from ores. Issued 4-5-32. (28)
- 1,853,074; Mulka Friedrich. Controlling means for automatic lathes. Issued 4-12-32. (28)
- 1,853,150; Schultes Paul. Spring controlled roller for roller blinds. Issued 4-12-32. (28)
- 1,853,414; All. I G Farbenindustrie A G. Wetting and cleaning agents. Issued 4-12-32. (28)
- 1,853,437; Kuttner Ernst Wolfgang. Process for producing an insulating coating on articles containing aluminum. Issued 4-12-32. (28)
- 1,853,438; Lambach Wilhelm. Pot with signal whistle for boiling milk in steam baths. Issued 4-12-32. (28)
- 1,853,462; All. Kalle & Co. A G. Diazo types and process of making the same. Issued 4-12-32. (28)
- 1,853,471; Storch Friedrich Conrad Martin. Electromagnetic apparatus. Issued 4-12-32. (28)
- 1,853,530; All. Siemens Schuckertwerke A G. Vapor generator. Issued 4-12-32. (28)
- 1,853,570; All. Bleichert Adolf & Co. Car for passenger ropeways. Issued 4-12-32. (28)
- 1,853,674; All. Leitz Ernst Optische Werke. Microscope with inclined oculars. Issued 4-12-32. (28)
- 1,853,688; Leffer Louis Georg. Apparatus for converting hydrocarbons. Issued 4-12-32. (28)
- 1,853,689; All. Leitz Ernst Optische Werke. Illuminating device for microscopes. Issued 4-12-32. (28)
- 1,853,694; Melcher Franz. Counter running double propeller. Issued 4-12-32. (6)
- 1,853,699; Rahmann Emil. Process of making artificial resin and wax and the like from coal. Issued 4-12-32. (28)
- 1,853,731; All. Wagner Gunther. Reservoir pen. Issued 4-12-32. (28)
- 1,853,743; Pollitzer Franz. Process for the separation of mixtures of gases. Issued 4-12-32. (28)
- 1,853,748; Schlappig Otto. Treading surface for footgear. Issued 4-12-32. (28)
- 1,853,764; All. Koch & Stérzel A G. High potential measuring transformer. Issued 4-12-32. (28)
- 1,853,793; Wollmer Christian. Furniture joint. Issued 4-12-32. (28)
- 1,853,804; Sack Rud Firm. Lifting and lowering mechanism for tractors and the like. Issued 4-12-32. (28)
- 1,853,820; Krantz Hubert. Steam heating system. Issued 4-12-32. (28)
- 1,853,821; Krantz Hubert. Centrifugal extractor. Issued 4-12-32. (28)
- 1,853,941; Spiess Georg. Device for coupling a printing press with a sheet feeding device. Issued 4-12-32. (28)
- 1,853,979; Johannsen Hans. Automatic target. Issued 4-12-32. (28)
- 1,854,038; Jollenbeck Eduard. Stay bolt connection for fire boxes of boilers. Issued 4-12-32. (28)
- 1,854,040; Junkers Adolf Heinrich. Apparatus for treating yarn. Issued 4-12-32. (28)
- 1,854,063; Rakowitzky Hirsch; Rakowitzky Selman et al. Process for the manufacture of book matches from continuous strips. Issued 4-12-32. (6)
- 1,854,064; Revell Bethel Abiel. Automatic fier. Issued 4-19-32. (28)
- 1,854,082; All. Flat S. A. Variable speed gearing particularly for motor vehicles. Issued 4-12-32. (38)
- 1,854,161; Hellmann Otto. Oven for treatment of fuel by heat. Issued 4-12-32. (28)
- 1,854,168; All. Elektrische Isolierungen GmbH. Apparatus for the production of fibrous tubing. Issued 4-19-32. (28)
- 1,854,284; Walther Heinrich. Shoe cementing machine. Issued 4-19-32. (28)
- 1,854,361; Zientek Paul. Rail joint. Issued 4-19-32. (6)
- 1,854,583; Friedrich Waldemar. Steam purifier. Issued 4-19-32. (28)
- 1,854,640; Binder Ludwig et al; Heyne Hans. Means for measuring high electrical potentials. Issued 4-19-32. (28)
- 1,854,652; Kirchner Ulrich et al; Strecker Gerald. Drum type mill for paper and pulp manufacture. Issued 4-19-32. (28)
- 1,854,656; Kohlen Josef. Pneumatically actuated percussive tool. Issued 4-19-32. (28)
- 1,854,659; Lehmann Karl. Process of dressing coal. Issued 4-19-32. (28)
- 1,854,670; Ridder Otto. Rotary engine. Issued 4-19-32. (28)
- 1,854,684; All. I G Farbenindustrie A G. Production of aluminum. Issued 4-19-32. (28)
- 1,854,687; All. Preussische Bergwerks und Hutten A G. Extraction and manufacture of sulphate of potassium from calcium containing sulphates. Issued 4-19-32. (28)
- 1,854,739; All. Reinhardt G E Linier Maschinen. Ruling machine. Issued 4-19-32. (28)
- 1,854,765; All. Rhenania Kunheim Verein Chemischer. Process for obtaining alumina and phosphates. Issued 4-19-32. (28)
- 1,754,772; Stuken Hubert. Wall tile covering. Issued 4-19-32. (28)
- 1,854,816; Wach Hans. Combined reciprocating steam engine and turbine. Issued 4-19-32. (28)
- 1,854,817; Wach Hans. Reciprocating engine and turbine. Issued 4-19-32. (28)
- 1,854,818; Wach Hans. Steam engine turbo combination. Issued 4-19-32. (28)
- 1,854,833; Gobbo Domenico. Breech loading gun. Issued 4-19-32. (38)
- 1,854,847; Kuhn Richard. Process for catalytically oxidizing hydrogen sulphide. Issued 4-19-32. (28)
- 1,854,851; All. Union Special Maschinenfabrik. Article positioning device for sewing machines. Issued 4-19-32. (28)
- 1,854,864; All. Kupfer Reinhold. Metal film or lamina for use in cinematography. Issued 4-19-32. (28)
- 1,854,871; Traunder Heinrich. Beehive. Issued 4-19-32. (6)
- 1,854,878; All. Zimmerman Max. Pasting machine. Issued 4-19-32. (28)
- 1,854,880; All. Paalen Gustav Robert. Electric liquid heater. Issued 4-19-32. (28)
- 1,854,950; All. Universelle Cigarettenmaschinen. Cigarette packing machine. Issued 4-19-32. (28)
- 1,854,954; Pulz Willy. Dust remover for threshing machines. Issued 4-19-32. (28)
- 1,854,985; Doerr Carl Sr. Electric lighter for cigars cigarettes and the like. Issued 4-19-32. (28)
- 1,855,001; Schneider Adolf. Steam generator. Issued 4-19-32. (28)
- 1,855,058; Katscher Sigmund. Sound box guiding mechanism. Issued 4-19-32. (6)
- 1,855,072; Suida Hermann. Production of concentrated acetic acid. Issued 4-19-32. (6)
- 1,855,090; Brandt Richard. Method of obtaining potassium and or sodium ferrocyanide in the purification of coal gas. Issued 4-19-32. (28)
- 1,855,106; Gonyk Ignatz. Valve. Issued 4-19-32. (6)
- 1,855,113; Nolte Karl. Sheet piling. Issued 4-19-32. (28)
- 1,855,124; Barwolf Richard. Gas cooker. Issued 4-19-32. (28)
- 1,855,186; All. Schroder Hugo. Coke oven. Issued 4-26-32. (28)
- 1,855,213; Alma Carl Egon; Alma Maximilian Dec, et al. Draft gear. Issued 4-26-32. (6)
- 1,855,301; All. Union Special Maschinenfabrik GmbH. Chain cutter for sewing machines. Issued 4-26-32. (28)
- 1,855,377; All. Steinhorst Wilhelm. Coating material for metal articles. Issued 4-26-32. (28)
- 1,855,393; Gluid Wilhelm. Process for making sodium nitrate. Issued 4-26-32. (28)
- 1,855,416; All. Siemens & Halske A G. Telephone system. Issued 4-26-32. (28)
- 1,855,573; Haber Gustav. Dental gauge. Issued 4-26-32. (28)
- 1,855,656; Voglmayer Maximilian. Method of folding closing and opening letters rendered inaccessible without envelopes. Issued 4-26-32. (6)
- 1,855,675; All. Hoffmeister Hanna Gerda. Can filling apparatus. Issued 4-26-32. (28)
- 1,855,830; All. Weber & Seelander Maschinenfabrik. Rubbing mill. Issued 4-26-32. (28)
- 1,855,839; All. Lubecker Maschinenbau Ges. Track chain bogie of carriages. Issued 4-26-32. (28)
- 1,855,902; Bauer Karl. Girder. Issued 4-26-32. (28)
- 1,855,965; Hildebrand Wilhelm et al; Hildebrand Ewald. Plowing machine. Issued 4-26-32. (28)
- 1,855,970; Kaltenbach Alois et al; Voigt Richard. Angle piece for dental boring milling and grinding tools. Issued 4-26-32. (28)
- 1,855,972; All. Rationelle Verbrennung GmbH. Fuel Atomizer. Issued 4-26-32. (28)
- 1,855,982; Mohr Otto. Purification of waste aqueous liquor. Issued 4-26-32. (28)
- 1,855,984; All. Chemische Fabrik Kalk GmbH. Process of producing concentrated gaseous hydrochloric acid. Issued 4-26-32. (28)
- 1,856,003; Thelen Peter. Waste trap for basins and the like. Issued 4-26-32. (28)
- 1,856,007; All. Zahnradfabrik A G Friedrichshafen. One way drive power transmission. Issued 4-26-32. (28)
- 1,856,020; All. Bohme H Th A G. Method for increasing the wetting and penetrating capacity of treatment liquids. Issued 4-26-32. (28)
- 1,856,067; Bausch Viktor et al; Franzel Kurt. Transparent foils of paper fabric webs and the like. Issued 5-3-32. (28)
- 1,856,144; All. I. G. Farbenindustrie, A G. Production of phosphoric acid. Issued 5-3-32. (28)
- 1,856,181; All. Brauer Carl Fr GmbH. Rotary printing cylinder. Issued 5-3-32. (28)
- 1,856,201; Wiese Franz. Closure for containers. Issued 5-3-32. (28)
- 1,856,267; All. Universelle Cigarettenmaschinen. Method of forming box parts. Issued 5-3-32. (28)
- 1,856,293; Reitmeister Wilhelm. Process of melting and decacidizing metals and alloys. Issued 5-3-32. (28)
- 1,856,308; Barenyl Arpad. Photographic shutter. Issued 5-3-32. (28)
- 1,856,332; Hein Hermann. Landing device for aircraft. Issued 5-3-32. (28)
- 1,856,344; Leopold Otto. Sound recording and reproducing apparatus. Issued 5-3-32. (28)



- 1,856,358; Posentrup Heinrich. Adjustable fish plates engaging the rail heads. Issued 5-3-32. (28)
- 1,856,382; All. Gassan Arthur. Casting mold for manufacturing zinc containers for galvanic elements batteries or the like. Issued 5-3-32. (28)
- 1,856,383; Gerdes Adolf Friedrich. Friction wheel differential gear. Issued 5-3-32. (28)
- 1,856,384; Haber Eugen. Apparatus for building iron plate chimneys from several sections. Issued 5-3-32. (28)
- 1,856,385; Haupt Hans. Telescopically collapsible umbrella. Issued 5-3-32. (28)
- 1,856,394; Lettermann Adolf. Device for taking foot impressions. Issued 5-3-32. (28)
- 1,856,403; All. Kienzle Uhrenfabriken A G. Fare indicator. Issued 5-3-32. (28)
- 1,856,443; Stoekicht Wilhelm. Bevel wheel gearing. Issued 5-3-32. (28)
- 1,856,529; All. Fiat S A. Propeller hub for aircraft engines with a reducing gear of the sun and planet wheel type. Issued 5-3-32. (38)
- 1,856,567; Tayenthal Kurt Kleinert Theodor et al. Process of decomposing vegetable fibrous matter for the purpose of the simultaneous recovery both of the cellulose and of the incrusting ingredients. Issued 5-3-32. (6)
- 1,856,607; Walter Richard R. Process for producing sintered alloys. Issued 5-3-32. (28)
- 1,856,642; Karollus Edmund. Fire damp proof time fuse. Issued 5-3-32. (6)
- 1,856,688; All. Neuerburg Sche. Tobacco feeding apparatus for cigarette machines. Issued 5-3-32. (28)
- 1,856,716; Maschmeyer Hermann. Elongated tilting hearth furnace. Issued 5-3-32. (28)
- 1,856,717; Meyer Emil. Photographic film roll. Issued 5-3-32. (6)
- 1,856,789; All. Rheinische Metallwaren Und. Electrical time switch. Issued 5-3-32. (28)
- 1,856,823; Aivaz Doris. Production of supply spools of strip material. Issued 5-3-32. (34)
- 1,856,854; Schwanhauser Waldemar. Manj- cure device. Issued 5-3-32. (28)
- 1,856,937; Ungerer Karl Friedrich. Straight- ening and rolling machine. Issued 5-3-32. (28)
- 1,856,940; Alvera Josef et al; Schofer Karl. Apparatus for the production of orna- mental chains so called snake chains. Issued 5-3-32. (28)
- 1,856,961; Foerster Bernhard. Device for feeding the guide sleeves for spring rings to the points for working. Issued 5-3-32. (28)
- 1,856,952; Foerster Bernhard. Process for working guide sleeves for spring rings. Issued 5-3-32. (28)
- 1,856,953; Foerster Bernhard. Machine for the production of split rings. Issued 5-3-32. (28)
- 1,857,032; All. Union Special Maschinen- fabrik. Hem folder for sewing machines. Issued 5-3-32. (28)
- 1,857,056; All. Union Special Maschinen- fabrik. Trimming device for sewing ma- chines. Issued 5-3-32. (28)
- 1,857,057; All. Union Special Maschinen- fabrik. Sewing machine. Issued 5-3-32. (28)
- 1,857,058; All. Union Special Maschinenfab- rik. Sewing machine for inserting elastic bands in stitched articles. Issued 5-3-32. (28)
- 1,857,109; Laur Hermann. Links for serial lamp supports. Issued 5-3-32. (28)
- 1,857,239; Dinaro Salvatore. Elastic wheel. Issued 5-10-32. (38)
- 1,857,262; Schipper Friedrich. Apparatus for measuring the output of refrigerating ma- chines. Issued 5-10-32. (28)
- 1,857,263; All. I G Farbenindustrie A G. Process of strengthening cotton artificial silk artificial foils of cellulose viscose or the like and material prepared by this process. Issued 5-10-32. (28)
- 1,857,268; Wirtschafter Hugo. Apparatus for protecting diapositives. Issued 5-10-32. (6)
- 1,857,292; Udet Ernst. Means for displaying a sign in the air. Issued 5-10-32. (28)
- 1,857,325; Ottenstein Friedrich. Device for bending toy rails. Issued 5-10-32. (28)
- 1,857,346; All. I G Farbenindustrie A G. Process for the recovery of nitric acid. Issued 5-10-32. (28)
- 1,857,415; All. Udet Schlepsschrift GmbH. Aerial advertising and apparatus. Issued 5-10-32. (28)
- 1,857,549; Jereczek Viktor. Grinding ma- chine. Issued 5-10-32. (28)
- 1,857,565; Heimann Heinrich; Pahl August et al. Surface carburetor. Issued 5-10-32. (28)
- 1,857,567; Plesch Johann. Blood pressure tourniquet. Issued 5-10-32. (28)
- 1,857,583; All. Rohrbogenwerk GmbH. Ap- paratus for straightening out the ends of bent pipes. Issued 5-10-32. (28)
- 1,857,628; All. Biechdosen und Plakatfabrik K G. Box stamping and drawing tool. Issued 5-10-32. (28)
- 1,857,658; Pfrezschner Adolf. Apparatus for stunning animals to be slaughtered. Issued 5-10-32. (28)
- 1,857,678; Sukohl Heinrich. Screw propeller for use upon aircraft. Issued 5-10-32. (28)
- 1,857,733; Manzotti Eugenio; Manzotti Er- minio et al. Apparatus for printing posi- tive photographic pictures with continuous automatic action. Issued 5-10-32. (38)
- 1,857,735; All. Monforts A. Fabric doubling machine. Issued 5-10-32. (28)
- 1,857,737; Nebich Rude. Flat hosiery knit- ting. Issued 5-10-32. (78)
- 1,857,769; Silberstein Isidor. Method of and apparatus for manufacturing high ohmic resistances. Issued 5-10-32. (28)
- 1,857,781; All. Multiplex Gasfernzunder GmbH. Electrically heatable kitchen utensil. Issued 5-10-32. (28)
- 1,857,864; All. Knorr Bremse A G. Duplex pump. Issued 5-10-32. (28)
- 1,857,893; Udet Ernst. Moving target for practice shooting. Issued 5-10-32. (28)
- 1,857,914; Keyssner Ernst et al; Mengdehl Helmut. Mixed fertilizer. Issued 5-10-32. (28)
- 1,857,931; All. Hinrich Springer. Capsular pump. Issued 5-10-32. (28)
- 1,857,963; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 5-10-32. (28)
- 1,858,032; All. Steatit Magnesia A G. Filling apparatus for powdered or granular ma- terial. Issued 5-10-32. (28)
- 1,858,308; Schiller Walter. Apparatus for the preparation of films of blood. Issued 5-17-32. (6)
- 1,858,309; Schwarz Philipp. Necktie stretcher. Issued 5-17-32. (28)
- 1,858,328; All. Schenck Carl Eisengesserei Und. Conveying of material. Issued 5-17-32. (28)
- 1,858,330; Horning Franz. Installation for heating the ground. Issued 5-17-32. (28)
- 1,858,332; All. Elektrizitatgesellschaft San- itas. Method of and apparatus for record- ing the frequency of impulses. Issued 5-17-32. (28)
- 1,858,361; Desirello Narciso. Optical device for resolving and combining light rays. Issued 5-17-32. (38)
- 1,858,385; All. Leitz Ernst Optische Werke. Photographic camera. Issued 5-17-32. (28)
- 1,858,409; Mittelsteiner Erich. Process for measuring water contents. Issued 5-17-32. (28)
- 1,858,414; All. Malmedie & Co. Machine for making indented taper pins. Issued 5-17-32. (28)
- 1,858,467; Sigbert Seelig. Apparatus for dis- tilling oil. Issued 5-17-32. (28)
- 1,858,553; Ligouri Giovanni. Method of and means for recording and reproducing sounds. Issued 5-17-32. (28)
- 1,858,626; All. Krupp Fried A G. Cash reg- ister. Issued 5-17-32. (28)
- 1,858,630; All. Krupp Fried A G. Transfer mechanism. Issued 5-17-32. (28)
- 1,858,631; Leiser Heinrich. Process for pro- ducing a coating of chromium on objects of iron and steel or aluminum and par- ticularly on knives, forks and spoons. Issued 5-17-32. (28)
- 1,858,633; Mailaender Wilhelm. Rotary deep impressing printing machine. Issued 5-17-32. (28)
- 1,858,651; All. Hurwitz Herman Co. Appa- ratus for displacing the counter pressure roller on the missing of a sheet in multiple reproduction apparatus. Issued 5-17-32. (28)
- 1,858,664; Friedel Georg. Emergency closure or lock for weirs, sluice gates and the like. Issued 5-17-32. (28)
- 1,858,692; Tacke Albert. Driving gear for drums. Issued 5-17-32. (28)
- 1,858,707; Haage Konrad; Pfluger Albert et al. Mechanical percussive tool. Issued 5-17-32. (28)
- 1,858,708; Hoffmeister Hermann. Potato gathering machine. Issued 5-17-32. (28)
- 1,858,719; Queens Hugo. Prop construction for mines. Issued 5-17-32. (28)
- 1,858,731; All. I G Farbenindustrie A G. Process of preparing ethers of carbohy- drates. Issued 5-17-32. (28)
- 1,858,739; Hofrichter Charles. Wagon tilt. Issued 5-17-32. (28)
- 1,858,745; Mackert Anton. Process for the reactivation of powdered or fine grained adsorptive carbon. Issued 5-17-32. (28)
- 1,858,754; Tessky Karl. Lathe. Issued 5-17-32. (28)
- 1,858,770; Etheridge Herbert. Typewriter. Issued 5-17-32. (28)
- ; All. Siemens & Halske A G. Proc- ess for the production of beryllium oxide or beryllium hydroxide from technical al- kali beryllium double halides in particular fluorides. Issued 5-17-32. (28)
- 1,858,777; Hilscher Curt. Jacquard design mechanism for flat knitting machines. Issued 5-17-32. (28)
- 1,858,788; Rohn Wilhelm Julius Paul. Roll- ing mill. Issued 5-17-32. (28)
- 1,858,794; Vallecchi Enrico. Device for the mechanical obtainment of a changeable paper or similar covering for the seats of water closet basins. Issued 5-17-32. (38)
- 1,858,807; All. Rheinische Metallwaren und. Calculating machine controlling one or more secondary machines. Issued 5-17-32. (28)
- 1,858,824; All. Motorenfabrik Deutz A G. Method and high compression internal combustion engine for working with gas and liquid fuel. Issued 5-17-32. (28)
- 1,858,831; Kremmling Otto. Automatic dough dividing and working machine. Issued 5-17-32. (28)
- 1,858,859; Katz Ernst. Process of producing leather imitation, particularly an imitation of the so-called antique leather. Issued 5-17-32. (6)
- 1,858,860; Kurz Heinrich. Apparatus for the manufacture of rails with hardened heads. Issued 5-17-32. (28)
- 1,858,904; Roebel Ludwig. Compressor with- out glands for use especially in refrigerat- ing machines. Issued 5-17-32. (28)
- 1,858,911; All. Fiat S A. Device for coupling two aircraft engines with pulling or trac- tive screw propellers rotating in opposite directions. Issued 5-17-32. (38)

- 1,858,934; Neurath Werner. Transmission gear. Issued 5-17-32. (6)
- 1,858,935; Peyinghaus Walter. Axle bearing. Issued 5-17-32. (28)
- 1,858,940; All. Lehman Ernst Paul Patentwerk. Locking device in children's wheeled toys. Issued 5-17-32. (28)
- 1,858,956; Hepperle Heinrich. Molding machine. Issued 5-17-32. (28)
- 1,858,959; Koch Leonhard. Welft pile carpet. Issued 5-17-32. (28)
- 1,858,960; Kruger Paul. Parasol or umbrella. Issued 5-17-32. (28)
- 1,858,968; Ploch Walter. Means for hanging up hats. Issued 5-17-32. (28)
- 1,858,969; All. Rheinische Metallwaren und. Electric fuse for projectile. Issued 5-17-32. (28)
- 1,858,971; Seitz Xaver. Shock absorbing device for motor cars. Issued 5-17-32. (28)
- 1,858,996; Lesage Alfred. Change speed gear. Issued 5-17-32. (28)
- 1,859,081; Elsner Heinrich. Riveting machine. Issued 5-17-32. (28)
- 1,859,102; Meyer August. Car retarding apparatus. Issued 5-17-32. (28)
- 1,859,107; Muss Wilhelm. Heavier than air aircraft. Issued 5-17-32. (28)
- 1,859,112; Silberstein Isidor. Method of manufacturing electrical resistances. Issued 5-17-32. (28)
- 1,859,135; Fuchs Rudolf. Shoe nail for mountain shoes. Issued 5-12-32. (6)
- 1,859,170; Reisz Eugen. Electrostatic telephone and microphone. Issued 5-17-32. (28)
- 1,859,250; Bertel Rudolf. Manufacture of dry yeast. Issued 5-17-32. (6)
- 1,859,396; Jager Carl. Phonographic record. Issued 5-24-32. (28)
- 1,859,410; Schellin Bruno. Rail joint. Issued 5-24-32. (28)
- 1,859,453; All. Porzellanfabrik C Mhutschenreuther. Artificial tooth. Issued 5-24-32. (28)
- 1,859,456; Nestler Richard. Drawing table. Issued 5-24-32. (28)
- 1,859,472; Rolshoven Eduard. Rail joint. Issued 5-24-32. (28)
- 1,859,473; Schlenstedt Oswig. Metal extrusion press. Issued 5-24-32. (28)
- 1,859,502; Erban Richard. Speed change gear. Issued 5-24-32. (6)
- 1,859,511; Tiaden Herbert; Herzogenrath Heinrich et al. Picture and like frame. Issued 5-24-32. (28)
- 1,859,669; Harms Richard. Holder for neckties. Issued 5-24-32. (28)
- 1,859,715; All. Magdeburger Werk Zeugmaschinenfabrik. Arrangement on lathes and other machine tools with drive by hydraulic stepless gearings. Issued 5-24-32. (28)
- 1,859,720; All. Rheinische Metallwaren und. Safety device for firearms having a longitudinally movable closure element. Issued 5-24-32. (28)
- 1,859,726; Von Dosky Alfred. Apparatus for the manufacture of brake linings and the like. Issued 5-24-32. (28)
- 1,859,741; Klapperstuck Friedrich. Pouring and closing lid for milk tins. Issued 5-24-32. (28)
- 1,859,762; Blum Peter. Dough dividing machine. Issued 5-24-32. (28)
- 1,859,880; A. L. Schliesische Spiegelglas Manufactur. Apparatus for forming reenforced glass. Issued 5-24-32. (28)
- 1,859,989; All. Schiess Defries A G. Turning ring bearing for machine tools. Issued 5-24-32. (28)
- 1,860,126; All. I G Farbenindustrie A G. Distillation of crude turpentine. Issued 5-24-32. (28)
- 1,860,256; Liebergeld Paul. Mechanically operated time fuse for projectiles. Issued 5-24-32. (28)
- 1,860,276; All. Soc Italiana Miglioramento Armi. Firearm. Issued 5-24-32. (38)
- 1,860,292; Neuhaus Fritz. Steel messel and method of producing the same. Issued 5-24-32. (28)
- 1,860,298; All. Otto Heinrich Drager. Method for regenerating the breathing air in closed rooms. Issued 5-24-32. (28)
- 1,860,558; All. Toyo Compressol Kabushiki Kaisha. Molding device for concrete piles. Issued 5-31-32. (39)
- 1,860,564; Wikschtröm Jakob. Tool for manufacturing wire tacks and nails. Issued 5-31-32. (28)
- 1,860,568; Borggrafe Friedrich. Process for manufacturing shear resisting iron such as iron for die casting nuts iron for screws and the like. Issued 5-31-32. (28)
- 1,860,573; All. Mautner Isidor. Radiator. Issued 5-31-32. (6)
- 1,860,576; Graupner Fritz. Fluid gear. Issued 5-31-32. (28)
- 1,860,578; All. Schubert & Salzer Maschinenfabrik. Row counter for flat knitting machines. Issued 5-31-32. (28)
- 1,860,580; All. Bliestein Hans. Hand stamping apparatus. Issued 5-31-32. (28)
- 1,860,584; Koidl Thomas. Method of and means for closing the ends of the channels of molded hollow channel bricks and building blocks. Issued 5-31-32. (6)
- 1,860,756; All. Rheinische Metallwaren und. Hydraulic Brake. Issued 5-31-32. (28)
- 1,860,758; Weidlich Max. Machine for fastening reeds without rivets on the sound plates of reed instruments. Issued 5-31-32. (28)
- 1,860,785; Picollo Mario. Security device against robbery of motor cars. Issued 5-31-32. (38)
- 1,860,818; All. I G Farbenindustrie A G. Production of alkali metal phosphates. Issued 5-31-32. (28)
- 1,861,058; All. I G Farbenindustrie A G. Recovery of sulphides. Issued 5-31-32. (28)
- 1,861,078; All. Maschinenfabrik Augsburg Nurnburg. Lifting device. Issued 5-31-32. (28)
- 1,861,088; Eamel Hermann. Coupling device. Issued 5-31-32. (28)
- 1,861,103; Wild Melchior. Spinning machine. Issued 5-31-32. (38)
- 1,861,147; Steimel Peter. Automatic sacking balance with a. Issued 5-31-32. (28)
- 1,861,156; All. I G Farbenindustrie A G. Apparatus for the separation of finely divided substances. Issued 5-31-32. (28)
- 1,861,171; Zimmerman Otto. Penholder. Issued 5-31-32. (28)
- 1,861,180; Grob Hugo. Means for regulating circumferential velocity. Issued 5-31-32. (28)
- 1,861,256; Barenyl Arpad. Photographic shutter. Issued 5-31-32. (28)
- 1,861,257; Barenyl Arpad. Photographic shutter. Issued 5-31-32. (28)
- 1,861,307; Gernhardt Berthold. Apparatus for the automatic production of inspissated sugar fruits. Issued 5-31-32. (28)
- 1,861,362; All. Maschinenfabrik Augsburg Nurnburg. Injection combustion engine having an air granary. Issued 5-31-32. (28)
- 1,861,385; Gentil Ignaz Josef. Device for facilitating the putting on and taking off of stockings. Issued 5-31-32. (28)
- 1,861,388; All. Rolfs Kohlenoxyd Verbrenner GmbH. Fire bridge. Issued 5-31-32. (28)
- 1,861,398; Lant Richard. Aqueous emulsions of hydrocarbon oils and process for manufacturing the same. Issued 5-31-32. (6)
- 1,861,443; Holzapfel Karl Ernst Eberhardt. Method and apparatus for filling bags. Issued 6-7-32. (28)
- 1,861,540; All. Union Special Maschinenfabrik. Looper operating mechanism for sewing machines. Issued 6-7-32. (28)
- 1,861,563; All. Berkenhoff and Drebes A G. Drawing bench. Issued 6-7-32. (28)
- 1,861,593; Christoph Alfred. Shuttle. Issued 6-7-32. (28)
- 1,861,670; Krostewitz Walter; Wagner Johannes et al. Device for the working of metal bands especially lines for typographic purposes. Issued 6-7-32. (28)
- 1,861,674; Winterhoff Adolf. Casing for ball valves. Issued 6-7-32. (28)
- 1,861,701; König Max. Manufacturing films and the like from cellulose solutions. Issued 6-7-32. (28)
- 1,861,723; Seeleke Heinrich. Braking apparatus for trailer vehicles. Issued 6-7-32. (28)
- 1,861,898; Baum Eugen Raven Rosen et al; Domscheit Alfred. Cooling device for milk receiving containers of vacuum milking machines. Issued 6-7-32. (28)
- 1,861,912; All. Aceta GmbH. Apparatus for heating air in dry spinning of artificial threads. Issued 6-7-32. (28)
- 1,861,931; Moldenhauer Erich. Change speed gearing. Issued 6-7-32. (28)
- 1,861,946; Wilhelm Alfred. Carrier for slag pans and the like. Issued 6-7-32. (28)
- 1,861,979; All. Schwarzwaldwerke Lanz GmbH. Refrigerating apparatus. Issued 6-7-32. (28)
- 1,861,989; Trebitsch Bruno. Gas indicating apparatus. Issued 6-7-32. (6)
- 1,862,037; Schlenker Ernst. Process for the separation of liquids and solid fatty acids. Issued 6-7-32. (28)
- 1,862,213; Emisch Emil. Cowl. Issued 6-7-32. (28)
- 1,862,240; All. Mercedes Buro Maschinenwerke A G. Calculating typewriting machine. Issued 6-7-32. (28)
- 1,862,242; Schwien Fritz. Electric switch. Issued 6-7-32. (28)
- 1,862,248; Wesnigk Erwin. Electromotor drive. Issued 6-7-32. (28)
- 1,862,270; All. Silesia Verein Chemischer. Process for stabilizing natural and artificial types of caoutchouc. Issued 6-7-32. (28)
- 1,862,304; Grams Wilhelm. Tool support for cultivators. Issued 6-7-32. (28)
- 1,862,320; Ruef August. Press button lock. Issued 6-7-32. (28)
- 1,862,345; Wolf Gustav. Apparatus for manufacturing wire ropes and the like. Issued 6-7-32. (28)
- 1,862,359; Ferragamo Salvatore. Shoe shank stiffener. Issued 6-7-32. (38)
- 1,862,386; All. Universelle Cigarettemaschinen. Apparatus for removing articles from a pile. Issued 6-7-32. (28)
- 1,862,390; All. Universelle Cigarettemaschinen. Method of forming boxes or box parts with curved bottoms. Issued 6-7-32. (28)
- 1,862,423; Otto Kurt Willy. Playing court. Issued 6-7-32. (28)
- 1,862,426; Prielipp Walther. Sheet piling. Issued 6-7-32. (28)
- 1,862,428; Riote Jakob. Electrical resistance. Issued 6-7-32. (28)
- 1,862,435; Schmid Adolf. Device for ascertaining the number of days between any two given dates. Issued 6-7-32. (6)
- 1,862,437; Signorini Luigi. Golf ball cleaning device. Issued 6-7-32. (38)
- 1,862,461; Birtel Wilhelm. Boring and tapping tool. Issued 6-7-32. (28)
- 1,863,560; Konemann Heinrich. Apparatus for recording electric alternating currents by means of a voltaic arc. Issued 6-21-32. (28)
- 1,863,587; Arnold Carl. Mechanical toy. Issued 6-21-32. (28)
- 1,863,601; Kreidel Hans. Liquid atomizer. Issued 6-21-32. (28)
- 1,863,612; All. I G Farbenindustrie A G. Chemically resistant silver alloy. Issued 6-21-32. (28)
- 1,863,642; Borchers Wilhelm. Manufacture of alloys. Issued 6-21-32. (28)



- 1,863,645; All. I G Farbenindustrie A G. Chemically resistant silver alloy. Issued 6-21-32. (28)
- 1,863,654; All. Holzhydrolyse A G. Purification of wood sugar. Issued 6-21-32. (28)
- 1,863,661; All. I G Farbenindustrie A G. Manufacture of fluorine. Issued 6-21-32. (28)
- 1,863,666; All. United Cigarette Machine Co A G. Method of and apparatus for loosening tobacco particles and freeing them from dust. Issued 6-21-32. (28)
- 1,863,686; Corsalli Friedrich Wilhelm. Device for the refining mixing and purifying of molten metals and metal alloys. Issued 6-21-32. (28)
- 1,863,708; Zotos Georg. Process of and means for melting glass and the like. Issued 6-21-32. (28)
- 1,863,716; All. Electroacoustic GmbH. Apparatus for the reception and transmission of wave energy in space. Issued 6-21-32. (28)
- 1,863,745; All. I G Farbenindustrie A G. Process of preparing cellulose derivatives from alkali cellulose in the form of pulp boards by means of esterifying and etherifying agents in the gaseous state. Issued 6-21-32. (28)
- 1,863,807; All. Norddeutsche Affinerie. Process for the treatment of materials containing nickel and or cobalt together with copper iron lead and precious metals. Issued 6-21-32. (28)
- 1,863,881; All. I G Farbenindustrie A G. Synthetic resin. Issued 6-21-32. (28)
- 1,863,984; Spath Wilhelm. Means of converting electrical energy into rotary oscillation of a mass. Issued 6-21-32. (28)
- 1,863,952; Weiss Ernst. Rotary furnace. Issued 6-21-32. (28)
- 1,863,966; All. Rheinische West Falische Kalkwerke. Process for extracting magnesia from dolomite. Issued 6-21-32. (28)
- 1,863,976; Fischer Ferdinand. Lithographic or offset printing plate. Issued 6-21-32. (28)
- 1,863,986; Jourdan Felix. Process for the treatment of leucitic rocks with nitrous vapors in a continuous cycle. Issued 6-21-32. (38)
- 1,864,003; Springorum Kurt. Method of manufacturing spoons and similar articles. Issued 6-21-32. (28)
- 1,864,006; Weingand Richard. Apparatus for manufacturing seamless flexible tubes from cellulose solutions. Issued 6-21-32. (28)
- 1,864,023; All. Patent Treuband Ges Fuer Elektrische. Ampul machine. Issued 6-21-32. (28)
- 1,864,024; Lowy Heinrich. Method of exploring ground. Issued 6-21-32. (6)
- 1,864,079; Luther Martin et al; Klein Hans. Oxidation of liquid hydrocarbons. Issued 6-21-32. (28)
- 1,864,116; All. Schoeller Felix & Bausch Corp. Production of papers for security purposes. Issued 6-21-32. (28)
- 1,864,119; Braun Rudolf Max. Call answering device for telephone stations. Issued 6-21-32. (6)
- 1,864,161; All. Lissauer M & Cie. Separating and recovering nonferrous metals from metallic initial materials. Issued 6-21-32. (28)
- 1,864,173; Creuels Stefan. Device for controlling internal combustion engines. Issued 6-21-32. (28)
- 1,864,192; All. Maschinenfabrik Augsburg Nurnberg A G. Rotogravure printing machine. Issued 6-21-32. (28)
- 1,864,237; Fauth Philipp Lorenz. Extracting and filtering apparatus. Issued 6-21-32. (28)
- 1,864,249; Horn Guido. Round braiding machine. Issued 6-21-32. (28)
- 1,864,344; All. Montecatini Soc Generale Per. Electrolyzer for the production of hydrogen and oxygen. Issued 6-21-32. (38)
- 1,864,374; All. Rhein Ischemetallwaaren Und. Firearm. Issued 6-21-32. (28)
- 1,864,401; Bernlohr Eugen. Machine for dividing and working dough. Issued 6-21-32. (28)
- 1,864,421; Ferrabino Edoardo. Wheel for pneumatic tires. Issued 6-21-32. (38)
- 1,864,423; Forkardt Paul. Chuck. Issued 6-21-32. (28)
- 1,864,446; All. Krupp Fried A G. Issuing vouchers in cash registers. Issued 6-21-32. (28)
- 1,864,451; Lungen Robert. Core. Issued 6-21-32. (28)
- 1,864,452; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 6-21-32. (28)
- 1,864,453; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 6-21-32. (28)
- 1,864,474; Rosenbaum Wilhelm. Electric Lock. Issued 6-21-32. (28)
- 1,864,501; All. Union Special Maschinenfabrik. Fabric guide support for sewing machines. Issued 6-21-32. (28)
- 1,864,502; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 6-21-32. (28)
- 1,864,503; All. Union Special Maschinenfabrik. Combination hemmer and strip guide. Issued 6-21-32. (28)
- 1,864,567; Walter Richard R. Alloy of azotized character. Issued 6-28-32. (28)
- 1,864,635; Hille Alwin; Beutner Richard et al. Driving mechanism for the roughing rolls of a card roughing machine. Issued 6-28-32. (28)
- 1,864,639; All. Printz Ernst. Operating cultivators. Issued 6-28-32. (28)
- 1,864,673; All. I G Farbenindustrie A G. Production of pure metals. Issued 6-28-32. (28)
- 1,864,681; All. Haubold C G A G. Apparatus for feeding knitted goods made from rayon or artificial silk to tentering machines. Issued 6-28-32. (28)
- 1,864,694; All. Flat S A. Antilocking brake for aeroplane wheels. Issued 6-28-32. (38)
- 1,864,743; Kuckuck Heinrich. Ventilator. Issued 6-28-32. (28)
- 1,864,831; Joksch Rudolf. Weighing apparatus with a load balancing lever. Issued 6-28-32. (6)
- 1,864,911; All. Edeleanu GmbH. Apparatus for refining heavy mineral oils. Issued 6-28-32. (28)
- 1,864,997; Ghirardi Luigi. Hull. Issued 6-28-32. (38)
- 1,865,078; Bare Nyl Arpad. Photographic shutter. Issued 6-28-32. (28)
- 1,865,111; Kaufmann Hans. Process for preparing compounds of alkaline earth metal nitrites with methyl xanthines and the products. Issued 6-28-32. (28)
- 1,865,123; Marangoni Luigi. Machine and transplanting edible grain plants. Issued 6-28-32. (38)
- 1,865,135; Kahle Heinrich; Pollitzer Franz et al. Apparatus for the separation of gas mixtures. Issued 6-28-32. (28)
- 1,865,145; Seidemann Wilhelm. Sand distributor for filling molding boxes and the like with molding sand. Issued 6-28-32. (28)
- 1,865,200; All. Siemens & Halske A G. Telephone system. Issued 6-28-32. (28)
- 1,865,201; All. Siemens & Halske A G. Automatic telephone system. Issued 6-28-32. (28)
- 1,865,314; Gruber Karl. Chuck for holding a mandrel stem. Issued 6-28-32. (28)
- 1,865,335; Peyinghaus Walter. Two part axle bearing block or casing for railway vehicles. Issued 6-28-32. (28)
- 1,865,405; All. Stickstoffdunger A G. Process of preparing acetic anhydride. Issued 6-28-32. (28)
- 1,865,418; All. Miag Muhlenbau Und Industrie A G. Process of manufacturing white Portland cement etc. Issued 6-28-32. (28)
- 1,865,425; Bartling Friedrich. Apparatus for separating flowing mediums. Issued 7-5-32. (28)
- 1,865,551; Belluzzo Giuseppe. Reversing steam turbine with variable velocity. Issued 7-5-32. (38)
- 1,865,583; Onken Heinrich. Circuit testing instrument. Issued 7-5-32. (28)
- 1,865,588; Reimann Albert. Process for the production of a sodium phosphate with two molecules of water of crystallization. Issued 7-5-32. (28)
- 1,865,597; Switzeny Paul. Stapling device. Issued 7-5-32. (6)
- 1,865,602; All. Maschinenfabrik Augsburg. Rotary printing machine. Issued 7-5-32. (28)
- 1,865,621; All. Maschinenfabrik Augsburg. Actuating device for lever draw bridges. Issued 7-5-32. (28)
- 1,865,666; Aruga Giuseppe. Rotary engine. Issued 7-5-32. (38)
- 1,865,684; All. Klönne Firm Aug. Ladder device for ascending gas containers. Issued 7-5-32. (28)
- 1,865,687; Graf Wilhelm. Method of locating the fault in the case of multiconductor cables damaged by short circuiting. Issued 7-5-32. (28)
- 1,865,698; All. Zeiss Firm of Carl. Hydrostatic load factor indicator for aircraft. Issued 7-5-32. (28)
- 1,865,869; All. Kaiser Wilhelm Institut fur. Process for the magnetic treatment of iron ores. Issued 7-5-32. (28)
- 1,865,878; All. Wilhelm Kaiser Institute fur. Method and means for measuring the temperatures of incandescent bodies. Issued 7-5-32. (28)
- 1,865,880; Oberlin Max. Process for the production of normal levorotatory 1 para aminophenyl 2 methylamino propanol 1. Issued 7-5-32. (28)
- 1,865,883; All. Krupp Fried A G. Cash register. Issued 7-5-32. (28)
- 1,865,893; Ebert Fritz. Device in sack sewing machines for separating the warp between the sacks. Issued 7-5-32. (28)
- 1,865,908; Hengst Walter. Control button for thread bobbins. Issued 7-5-32. (28)
- 1,865,917; Katz Walter; Kaselitz Oscar et al. Recovery of nitrogen oxides. Issued 7-5-32. (28)
- 1,865,918; Junkers Hugo. Impeller and method of making same. Issued 7-5-32. (28)
- 1,865,945; All. Monforts A. Cloth doubling machine. Issued 7-5-32. (28)
- 1,865,946; All. Lawaczek GmbH. Decomposer particularly for the electrolysis of water under pressure. Issued 7-5-32. (28)
- 1,865,953; All. Meffert Hermann. Quinine preparation. Issued 7-5-32. (28)
- 1,865,958; Prinz Josef. Boiler for hot water and low pressure steam heating. Issued 7-5-32. (28)
- 1,865,968; Schuppe Walther. Production of monopotassium phosphate. Issued 7-5-32. (28)
- 1,865,969; All. Klönne Firm Aug. Sealing means for fluid storing containers. Issued 7-5-32. (28)
- 1,865,988; Wiedeck Max. Apparatus for target practice. Issued 7-5-32. (28)
- 1,866,022; Findelsen Paul. Four stroke internal combustion engine. Issued 7-5-32. (28)

- 1,866,026; Gerken Heinrich. Pump. Issued 7-5-32. (28)
- 1,866,043; Konigsberger Erich. Headrest for telephones. Issued 7-5-32. (28)
- 1,866,045; All. Stedinger Christian. Speed governor for gramophones. Issued 7-5-32. (28)
- 1,866,067; Strober Ludwig. Lock nut. Issued 7-5-32. (28)
- 1,866,206; All. Friedmann Firm Alex. Driving mechanism of lubricating pumps. Issued 7-5-32. (6)
- 1,866,209; Hein Paul. Shank piece for shoes. Issued 7-5-32. (28)
- 1,866,235; All. Felten and Guillaume Carlswerk A G. Junction sleeve or the like for deep sea cables. Issued 7-5-32. (28)
- 1,866,418; Neuhold Walter. Cable impregnating apparatus. Issued 7-5-32. (28)
- 1,866,487; All. Ritter Firm F and Sohn. Device for squeezing segmental fruit slices. Issued 7-5-32. (28)
- 1,866,608; All. I G Farbenindustrie A G. Manufacture of chromium oxide. Issued 7-12-32. (28)
- 1,866,648; All. I G Farbenindustrie A G. Working up of chromium ores. Issued 7-12-32. (28)
- 1,866,717; All. I G Farbenindustrie A G. Production of aromatic carboxylic acids. Issued 7-12-32. (28)
- 1,866,744; All. Rosin Paul. Pneumatic drying of materials. Issued 7-12-32. (28)
- 1,866,746; Borsetti Gaspare. Fire extinguisher. Issued 7-12-32. (38)
- 1,866,764; Gerisch Richard. Tuyere for cupola furnaces. Issued 7-12-32. (28)
- 1,866,775; All. Chemische Fabrik Kalk GmbH. Process for the production of zinc. Issued 7-12-32. (28)
- 1,866,875; Bauer Bruno. Ventilation and construction of dye works. Issued 7-12-32. (6)
- 1,866,969; Fredenhagen Karl. Electrolytic production of fluorine. Issued 7-12-32. (28)
- 1,866,980; Leschhorn Heinrich. Form of the kind used in office work. Issued 7-12-32. (28)
- 1,867,010; Kampes Hermann. Yielding joint for thresholds and sills. Issued 7-12-32. (28)
- 1,867,022; All. I G Farbenindustrie A G. Wetting cleansing and emulsifying agents and process of making same. Issued 7-12-32. (28)
- 1,867,043; Wirschitz Eduard. Clamping means. Issued 7-12-32. (28)
- 1,867,050; All. I G Farbenindustrie A G. Cellulose ethers and process of preparing them. Issued 7-12-32. (28)
- 1,867,079; All. Maxaner Karl. Calendar. Issued 7-12-32. (28)
- 1,867,087; Muller Adolf Max. Needle operating mechanism. Issued 7-12-32. (28)
- 1,867,101; All. Stug Kohlenstaubfeuerung. Cleaning device for pulverized fuel furnaces. Issued 7-12-32. (28)
- 1,867,107; Schmidt Johann Peter Jr. Corner bracket. Issued 7-12-32. (28)
- 1,867,120; Vollmer August. Means for rolling out a tube with an internal thickening at the rear end from tubular blank. Issued 7-12-32. (28)
- 1,867,124. All. Vereinigte Eisenbahn Signalwerke. Safety contrivance on permanent railway tracks. Issued 7-12-32. (28)
- 1,867,183; Simons Paul. Insulating tape. Issued 7-12-32. (28)
- 1,867,188; Witte Erhard Stoeckly Johann Joseph et al. Methods of forming artificial silk etc of mat appearance. Issued 7-12-32. (28)
- 1,867,254; Curti Ernesto. Pneumatic tool operating apparatus. Issued 7-12-32. (38)
- 1,867,256; Egli Arnold. Method of and apparatus for drying sheets in multicolor intaglio printing. Issued 7-12-32. (28)
- 1,867,335; Strecker Gerald. Cross cutter. Issued 7-12-32. (28)
- 1,867,342; Wieg Bruno. Device for removing finger rings. Issued 7-12-32. (28)
- 1,867,400; Ernst Richard. Blotting device. Issued 7-12-32. (28)
- 1,867,442; All. Hennefer Maschinenfabrik C Reuther. Automatic feed weigher. Issued 7-12-32. (28)
- 1,867,454; Hermann Alexander. Window. Issued 7-12-32. (28)
- 1,867,478; All. Dragerwerk Heine & Bernh Drager. Nonreturn valve for breathing appliances. Issued 7-12-32. (28)
- 1,867,490; All. Deckel Friedrich Fabrik fur. Belt gearing. Issued 7-12-32. (28)
- 1,867,491; All. Deckel Friedrich Prazisionsmechanik. Injection of liquid fuel in internal combustion engines. Issued 7-12-32. (28)
- 1,867,492; Braren Lorenz Konrad. Gear transmission. Issued 7-12-32. (28)
- 1,867,494; Buchner Carl Theodor. Container for toilet preparations. Issued 7-12-32. (28)
- 1,867,512; Kusch Max. Apparatus for the purification of waste water. Issued 7-12-32. (28)
- 1,867,534; All. Vereinigte Stahlwerke A G. Rail brake. Issued 7-12-32. (28)
- 1,867,666; All. I G Farbenindustrie A G. Process of preparing alkali hypochlorite solutions. Issued 7-19-32. (28)
- 1,867,690; Wendorff Gustav. Playing card mixing device. Issued 7-19-32. (28)
- 1,867,712; Reitzig Albert. Insulation apparatus for stripping electric wires and for binding the end of the same. Issued 7-19-32. (28)
- 1,867,715; Seidel Arnold. Air propeller with angle of pitch changeable in flight. Issued 7-19-32. (28)
- 1,867,773; All. Trojani Pietro. Propeller for helicopters. Issued 7-19-32. (38)
- 1,867,761; All. I G Farbenindustrie A G. Age improver. Issued 7-19-32. (28)
- 1,867,852; All. Neuerburg Sche. Machine for making cigarettes. Issued 7-19-32. (28)
- 1,867,942; All. I G Farbenindustrie A G. Cellulose esters of high molecular organic acids and process of making the same. Issued 7-19-32. (28)
- 1,867,989; Schieferstein Georg Heinrich. Method of and means for transmitting energy in the form of mechanical oscillations. Issued 7-19-32. (28)
- 1,868,010; All. Exploration Bodenuntersuchungs. Torsion balance. Issued 7-19-32. (28)
- 1,868,012; All. Universelle Cigarettenmaschinen. Cigarette rod cutting device for cigarette machines. Issued 7-19-32. (28)
- 1,868,026; All. Universelle Cigarettenmaschinen. Tobacco spreading device for cigarette machines. Issued 7-19-32. (28)
- 1,868,044; All. Vereinigte Stahlwerke A G. Method of producing ironcarbonyl. Issued 7-19-32. (28)
- 1,868,049; Deichmann Artur Otto Wilhelm. Jointed figure with adjustable limbs. Issued 7-19-32. (28)
- 1,868,065; All. Sendlinger Optische Glaswerke. Colorless glass. Issued 7-19-32. (28)
- 1,868,077; All. I G Farbenindustrie A G. Process for producing low boiling dichloro ethylene. Issued 7-19-32. (28)
- 1,868,097; Egli Arnold. Bearing arrangement for multicolor printing machines. Issued 7-19-32. (28)
- 1,868,106; All. I G Farbenindustrie A G. Production of urea. Issued 7-19-32. (28)
- 1,868,131; All. Deutsche Schiff- und Maschinenbau A G. Turbine installation. Issued 7-19-32. (28)
- 1,868,209; Fapernick Georg Friedrich. Model fitting head for opticians. Issued 7-19-32. (28)
- 1,868,220; Rohr Gustav. Automobile. Issued 7-19-32. (28)
- 1,868,223; Schaefer Josef. Regenerative coke oven. Issued 7-19-32. (28)
- 1,868,224; All. Fabrik Elektrischer Zunder GmbH. Electric fuse. Issued 7-19-32. (28)
- 1,868,227; Esser Heinrich. Rolling mill. Issued 7-19-32. (28)
- 1,868,245; Obermoser Karl. Electric motor starting clutch. Issued 7-19-32. (28)
- 1,868,253; Rackebrandt Heinrich. Heat responsive closure. Issued 7-19-32. (28)
- 1,868,258; Schieferstein Georg Heinrich. Method of and means for suspension of vehicles. Issued 7-19-32. (28)
- 1,868,327; All. Hartstoff Metall A G Hametag. Mass core and means for and a method of making it. Issued 7-19-32. (28)
- 1,868,362; Nowak Karl Georg. Eyeshade goggles and the like. Issued 7-19-32. (6)
- 1,868,376; All. Bohme H Th A G. Textile treatment liquid. Issued 7-19-32. (28)
- 1,868,381; All. Schnellpressenfabrik A G Heidelberg. Sheet supplying device for printing machines. Issued 7-19-32. (28)
- 1,868,387; Grunberg Josef. Printing and impressing press. Issued 7-19-32. (28)
- 1,868,420; Kraemer Ludwig. Light metal piston. Issued 7-19-32. (28)
- 1,868,475; Thies Bernhard. Dyeing or bleaching carding bands. Issued 7-19-32. (28)
- 1,868,573; Herman Alexander. Manufacture of furniture. Issued 7-26-32. (28)
- 1,868,574; Hofmann Carl Fritz. Ring for spinning and doubling machines. Issued 7-26-32. (28)
- 1,868,577; All. I G Farbenindustrie A G. Precipitating bath for making threads or the like from viscose. Issued 7-26-32. (28)
- 1,868,584; Ottenstein Friedrich. Electric toy railway track. Issued 7-26-32. (28)
- 1,868,637; All. Schuler L A G. Die cushion for presses. Issued 7-26-32. (28)
- 1,868,666; Langer Arthur. Extracting of iron. Issued 7-26-32. (6)
- 1,868,676; Stoeckicht Wilhelm. Friction roller gearing. Issued 7-26-32. (28)
- 1,868,692; Bruckmann Heinrich. Lamp shade with a fabric cover. Issued 7-26-32. (28)
- 1,868,715; Mrochem Jacob; Mochalle Paul et al. Concentrated sulphur suspension and process of making same. Issued 7-26-32. (28)
- 1,868,769; Schuler Max. Pendulum for measuring time. Issued 7-26-32. (28)
- 1,868,787; Ziegner Heinrich. Process of manufacturing a composition containing matter of the character of caoutchouc. Issued 7-26-32. (28)
- 1,868,843; All. I G Farbenindustrie A G. Process for removing ammonia and hydrogen sulphide from gases. Issued 7-26-32. (28)
- 1,868,861; Vossloh Karl. Nut lock. Issued 7-26-32. (28)
- 1,868,868; All. I G Farbenindustrie A G. Production of nitric and sulphuric acid. Issued 7-26-32. (28)
- 1,868,891; Faudi Fritz. Coupling. Issued 7-26-32. (28)
- 1,868,906; Keulers Jakob. Flange pipe connection. Issued 7-26-32. (28)
- 1,868,908; Lindley Henry William. Microscope refractometer. Issued 7-26-32. (28)
- 1,868,999; Strobach Otto et al; Wickmann Paul Albert. Method for the extraction of tea aroma. Issued 7-26-32. (28)
- 1,869,079; Rosenberg Emanuel. Device for mechanically operated welding. Issued 7-26-32. (6)
- 1,869,116; Rambold Adolf. Machine for closing little bags. Issued 7-26-32. (28)
- 1,869,170; Richter Alwin. Air pump valve. Issued 7-26-32. (28)
- 1,869,197; Holz Josef. Instrument for removing corns and callosities without danger. Issued 7-26-32. (28)
- 1,869,221; All. Oesterreichische Brown Bo-veri. Indicating and recording apparatus. Issued 7-26-32. (6)



- 1,869,233; All. Koch and Sterzel A G. High potential transformer. Issued 7-26-32. (28)
- 1,869,235; Bartling Friedrich. Process for the conservation of unstable hygroscopic or volatile granular masses. Issued 7-26-32. (28)
- 1,869,257; Hitzler Theodor. Insole. Issued 7-26-32. (28)
- 1,869,275; Planer Paul. Process of projecting bright backgrounds by oblique projections. Issued 7-26-32. (6)
- 1,869,290; Venzlaff Richard R W et al; Buck Otto F. Endless traction belt. Issued 7-26-32. (28)
- 1,869,308; All. Soc Italiana Pirelli. Process for impregnating insulating materials. Issued 7-26-32. (38)
- 1,869,329; Wrobbel Gustav Friedrich Karl. Frame system for ships of iron construction. Issued 7-26-32. (28)
- 1,869,361; All. Siemens Schuckertwerke GmbH. High pressure steam plant with multistage power engine. Issued 8-2-32. (28)
- 1,869,374; All. Universelle Cigarettenmaschinen. Machine for applying sealing strips to cigarette containers. Issued 8-2-32. (28)
- 1,869,395; All. Universelle Cigarettenmaschinen. Tobacco spreader. Issued 8-2-32. (28)
- 1,869,396; All. Muller Johann Carl Frim. Method of producing cigar fillers by arranging the tobacco from which they are to be made between profiled dies. Issued 8-2-32. (28)
- 1,869,423; Heuer Emil Georg. Automobile body. Issued 8-2-32. (28)
- 1,869,463; Caprotti, Arturo. Poppet valve for steam distributing gears. Issued 8-2-32. (38)
- 1,869,472; Freudenberg Hans. Method of and machine for operating upon hides skins and leather. Issued 8-2-32. (28)
- 1,869,481; Kahl Leopold. Process for producing pure anthracene. Issued 8-2-32. (28)
- 1,869,485; All. Kromschroder G AKG. Gas meter. Issued 8-2-32. (28)
- 1,869,493; Osborg Hans. Lithium alloys and process of producing the same. Issued 8-2-32. (28)
- 1,869,494; Osborg Hans. And silicon and processes of producing same. Issued 8-2-32. (28)
- 1,869,495; Osborg Hans. Process of treating molten metals and alloys with compositions containing lithium and products resulting from such treatments. Issued 8-2-32. (28)
- 1,869,496; Osborg Hans. Art of treating metals. Issued 8-2-32. (28)
- 1,869,497; Osborg Hans. Process of treating molten ferrous metals and alloys with compositions containing lithium alkali alloys and products resulting from such treatments. Issued 8-2-32. (28)
- 1,869,498; Osborg Hans. Process of treating molten copper and copper alloys with compositions containing lithium alkali alloys and products resulting from such treatments. Issued 8-2-32. (28)
- 1,869,499; Osborg Hans. Process of treating molten nickel and nickel alloys with compositions containing lithium alkali alloys and products resulting from such treatments. Issued 8-2-32. (28)
- 1,869,511; Schmidt Ernst. Sheet metal container. Issued 8-2-32. (28)
- 1,869,523; Strocchi Natale et al; Minardi Francesco. Lifeboat. Issued 8-2-32. (38)
- 1,869,589; Tischer Max. Filter for liquids and gases. Issued 8-2-32. (28)
- 1,869,688; All. I G Farbenindustrie AKG. Method for manufacturing mixed fertilizers. Issued 8-2-32. (28)
- 1,869,840; All. Messgerate Boykow GmbH. Stabilizing apparatus. Issued 8-2-32. (28)
- 1,869,879; Balz Otto et al; Wagner Wilhelm. Decomposition of crude phosphates. Issued 8-2-32. (28)
- 1,869,949; Szirla Geza et al; Rozinek Arthur. A process for gasifying and distilling coal dust. Issued 8-2-32. (34)
- 1,869,979; Osborg Hans. Art of treating metals. Issued 8-2-32. (28)
- 1,869,980; Osborg Hans. Process of treating molten metals and alloys with compositions containing lithium and products resulting from such treatment. Issued 8-2-32. (28)
- 1,870,077; Ulrich Otto. Advertising device. Issued 8-2-32. (28)
- 1,870,115; Hein Hermann. Landing sail for aircraft. Issued 8-2-32. (28)
- 1,870,116; Hein Hermann. Aircraft landing sail. Issued 8-2-32. (28)
- 1,870,131; Meier August. Process for the production of a mixed fertilizer consisting of ammonium bicarbonate and ammonium sulphate. Issued 8-2-32. (28)
- 1,870,144; All. Ges fur Linde S Elsmaschinen A G. Process for the preparation of hydrogen from gas mixtures containing hydrocarbons. Issued 8-2-32. (28)
- 1,870,179; All. I G Farbenindustrie AKG. Soaking of hides. Issued 8-2-32. (28)
- 1,870,204; Rohm Josef. Brake for railroad vehicles. Issued 8-2-32. (6)
- 1,870,205; Sachs Hugo. Electromagnetic pick up. Issued 8-2-32. (28)
- 1,870,265; Seligmann Arthur. Refrigerating process and the apparatus applicable thereto. Issued 8-9-32. (28)
- 1,870,304; Wentzell Wilhelm. Direction indicator for motor cars. Issued 8-9-32. (28)
- 1,870,313; Kuchenmeister Heinrich Johannes. Selenium cell. Issued 8-9-32. (28)
- 1,870,323; Cattaneo Giustino. Manufacture of insulating material. Issued 8-9-32. (38)
- 1,870,329; Happel Otto. Hothouse installation. Issued 8-9-32. (28)
- 1,870,341; All. Maybach Motorenbau GmbH. Change speed gear. Issued 8-9-32. (28)
- 1,870,346; All. I G Farbenindustrie A G. Decomposition product of urea as or in fertilizers. Issued 8-9-32. (28)
- 1,870,379; Peruzzini Carlo. Weighing machine. Issued 8-9-32. (38)
- 1,870,510; Hespeler Max. Device for carrying power lines. Issued 8-9-32. (28)
- 1,870,526; Ottenstein Friedrich. Electric toy railway. Issued 8-9-32. (28)
- 1,870,528; Rado Leopold. Corner holder for pictures or the like. Issued 8-9-32. (28)
- 1,870,531; Schroeder Wilhelm Gotthilf. Refrigerating process & apparatus for cooling fat emulsions such as margarine and the like. Issued 8-9-32. (28)
- 1,870,535; Stellmacher Max. Swimming belt. Issued 8-9-32. (28)
- 1,870,571; Kadzik Otto. Machine for the spherical grinding of billiard balls and other blanks. Issued 8-9-32. (6)
- 1,870,683; All. Maschinenfabrik Augsburg Nurnberg A G. Telescoping gasometer. Issued 8-9-32. (28)
- 1,870,724; Gerstadt Anton. Multiple spindle automatic screw machine. Issued 8-9-32. (28)
- 1,870,738; Kruckenberger Franz. High speed railway with propeller driven streamline vehicles. Issued 8-9-32. (28)
- 1,870,753; Sachs Hugo. Magnet unit. Issued 8-9-32. (28)
- 1,870,756; Seykora Eduard. Shaving brush. Issued 8-9-32. (6)
- 1,870,763; Znidarsic Anton. Cabinet. Issued 8-9-32. (38)
- 1,870,924; Platzer Karl. Stand attachment for fountain pens. Issued 8-9-32. (6)
- 1,870,927; Schoene Kurt. Valve especially for pumps & compressors. Issued 8-9-32. (28)
- 1,870,930; All. Kalle & Co A G. Light sensitive layer. Issued 8-9-32. (28)
- 1,870,932; Sternemann Adolf. Potato tops destroyer. Issued 8-9-32. (28)
- 1,871,004; All. Industria Ammoniaci S A. Catalyst for gaseous reactions. Issued 8-9-32. (38)
- 1,871,074; All. Sueddeutsche Eisenbahngesellschaft. Electric street vehicle. Issued 8-9-32. (28)
- 1,871,087; All. I G Farbenindustrie A G. Production of effects on textiles. Issued 8-9-32. (28)
- 1,871,122; Kretzschmar Alfred. Filter for liquids. Issued 8-9-32. (28)
- 1,871,448; Elsenhans Albert. Tool for dressing the grindstones in wood grinders. Issued 8-16-32. (28)
- 1,871,756; Spath Wilhelm. Means for examining structures. Issued 8-16-32. (28)
- 1,871,827; Van Hulst Laurens. Bag consisting of two layers of paper. Issued 8-16-32. (28)
- 1,871,838; All. Schnellpressenfabrik A G. Cylinder printing press. Issued 8-16-32. (28)
- 1,871,917; Rocca Agostino. Apparatus for covering the outside surface of metal pipes with a mixture of fibrous substances and hydraulic cement substances. Issued 8-16-32. (38)
- 1,871,961; All. Lange Arthur. Change speed gear. Issued 8-16-32. (28)
- 1,872,038. Hitzler Franz. Rudder arrangement. Issued 8-16-32. (28)
- 1,872,078; All. Soc Costruzione Apparecchi. Fan. Issued 8-16-32. (38)
- 1,872,148; All. Voigt & Haefner A G. Manufacture of electric heating bodies. Issued 8-16-32. (28)
- 1,872,190; Sindl Otto. Capsuling machine. Issued 8-16-32. (28)
- 1,872,322; All. I G Farbenindustrie AKG. Oxidation of aliphatic hydrocarbons of high molecular weight arc lamp electrode. Issued 8-30-32. (28)
- 1,872,432; All. I G Farbenindustrie A G. Process of separating condensation products of acetylene and ammonia. Issued 8-16-32. (28)
- 1,872,435; All. Koch & Sterzel A G. Transforming device. Issued 8-16-32. (28)
- 1,872,501; Rehlander Paul. Optical system for color photography. Issued 8-16-32. (28)
- 1,872,639; Licht Martin. Potato harvesting machine. Issued 8-16-32. (28)
- 1,872,650; All. I G Farbenindustrie A G. Device for measuring liquids. Issued 8-23-32. (28)
- 1,872,716; All. I G Farbenindustrie A G. Process for the manufacture of compounds containing aluminum and fluorine. Issued 8-23-32. (28)
- 1,872,755; All. Sohne Firm Brockhaus. Vise. Issued 8-23-32. (28)
- 1,872,929; Gluud Wilhelm et al; Keller Konrad. Process of producing ferricyanides. Issued 8-23-32. (28)
- 1,872,946; All. Electroacoustic GmbH. Arrangement of sound transmitters and sound receivers on ships. Issued 8-23-32. (28)
- 1,872,992; All. Rheinische Metallwaaren Und Maschine for producing slits in type bars. Issued 8-23-32. (28)
- 1,873,048; All. Lorenz C A G. Energy absorption means for switching contacts. Issued 8-23-32. (28)
- 1,873,149; Perez Fernando. Microscope for examining pictures with rasant lateral lighting. Issued 8-23-32. (38)
- 1,873,155; All. Deutsch Atlantische. Ferromagnetic materials. Issued 8-23-32. (28)
- 1,873,335; Schmidt Hans. Diaphragm for sound receiving reproducing amplifying and transmitting instruments. Issued 8-23-32. (28)

- 1,873,401; All. I G Farbenindustrie A G. The preparation of a non hygroscopic mixed fertilizer. Issued 8-23-32. (28)
- 1,873,457; All. I G Farbenindustrie A G. Process for the production of chemically pure phosphoric acid. Issued 8-23-32. (28)
- 1,873,486; Schonfeld Paul. Transferring method. Issued 8-23-32. (28)
- 1,873,487; Schonfeld Paul. Elastic top in hosiery or the like. Issued 8-23-32. (28)
- 1,873,490; All. I G Farbenindustrie A G. Process for separating potassium phosphate from potassium aluminate in solutions. Issued 8-23-32. (28)
- 1,873,502; Steinmuller Max. Circular knitting machine. Issued 8-23-32. (28)
- 1,873,505; Stipa Lulgi. Propellers for aeroplanes and the like. Issued 8-23-32. (38)
- 1,873,661; Olivetti Camillo. Typewriter marginator. Issued 8-23-32. (38)
- 1,873,686; Wagner Friedrich. Double warp frame. Issued 8-23-32. (28)
- 1,873,727; All. I G Farbenindustrie A G. Double aluminum alkali fluoride compounds. Issued 8-23-32. (28)
- 1,873,804; All. Lorenz C A G. Cooling arrangement for high frequency apparatus. Issued 8-23-32. (28)
- 1,873,941; Hillebrand Hermann. Process for producing water gas from pulverized coal and steam. Issued 8-23-32. (28)
- 1,874,011; Hilscher Curt. Thread tensioning device. Issued 8-30-32. (28)
- 1,874,019; Mangiameli Francesco. Safety device for gas conduits. Issued 8-30-32. (28)
- 1,874,055; All. Chemisch Pharmazeutische AKG. Process for preparing suitable substitutes for table salt for flavoring purposes. Issued 8-30-32. (28)
- 1,874,069; Weigl Arthur. Device for mechanically sorting natural and artificial products according to their color and gradations of color. Issued 8-30-32. (28)
- 1,874,150; Anger Paul. Means for classifying materials in jet impact pulverizers. Issued 8-30-32. (28)
- 1,874,154; Barbieri Angelo. Electrically driven system of instruments through keyboard and pedals. Issued 8-30-32. (38)
- 1,874,157; Bauer Bruno. Concrete and iron multiple floored buildings. Issued 8-30-32. (6)
- 1,874,341; Osthoff Walter. Process of burning heavy oils. Issued 8-30-32. (28)
- 1,874,378; Steinbuck Hermann. Screw tap. Issued 8-30-32. (28)
- 1,874,398; Weise Hermann Oswald. Dye vat for dyeing piece goods. Issued 8-30-32. (28)
- 1,874,619; All. Siemens Schuckertwerke AKG. Automatic fire regulation system for steam boilers. Issued 8-30-32. (28)
- 1,874,695; Carughi Achille et al; Paoloni Carlo. Process for manufacturing chloride of lime through azeotropic distillation. Issued 8-30-32. (38)
- 1,874,992; All. Deniag Akg. Mandrel bar guide. Issued 8-30-32. (28)
- 1,874,996; All. Weigelwerk Akg. Steam heated boiling vessel. Issued 8-30-32. (28)
- 1,875,003; Horn Guido. Master operator for hydraulic brake systems and the like. Issued 8-30-32. (28)
- 1,875,013; Kaselitz Oscar. Method of producing compounds of the carnallite type. Issued 8-30-32. (28)
- 1,875,014; Kaselitz Oscar. Production of alkali metal nitrates. Issued 8-30-32. (28)
- 1,875,094; Mietke Walter. Lamp shade. Issued 8-30-32. (28)
- 1,875,109; Muller Heinrich. Wheeled toy. Issued 8-30-32. (28)
- 1,875,147; Rave Caesar. Incandescent lamp. Issued 8-30-32. (28)
- 1,875,163; Scharff Willy. Cutter grinder. Issued 8-30-32. (28)
- 1,875,175; All. Porzellanfabrik Kahla. Apparatus for pressing articles from ceramic materials. Issued 8-30-32. (28)
- 1,875,181; Schneider Oskar. Central lubricating device. Issued 8-30-32. (28)
- 1,875,189; Winkler Alfred et al; Dunnebier Max. Process and apparatus for the separation of folded or individual sheets. Issued 8-30-32. (28)
- 1,875,202; Aftergut Max. Automatic glass blowing machine. Issued 8-30-32. (28)
- 1,875,214; Buderus Carl. Carriage for articulated trains. Issued 8-30-32. (28)
- 1,875,267; All. Fiat S A. Aeroplane. Issued 8-30-32. (38)
- 1,875,281; Von Sigmund Elek. Composition for neutralizing alkaline soil and method of preparing same. Issued 8-30-32. (34)
- 1,875,287; Weber Ludwig. Process for the production of semicoke briquettes from bituminous coal. Issued 8-30-32. (28)
- 1,875,423; Daniels Theo. Apparatus for feeding determined batches of tablets. Issued 9-6-32. (28)
- 1,875,456; Heerdt Walter. Folding bedstead. Issued 9-6-32. (28)
- 1,875,512; Silvestri Enrico. Ski. Issued 9-6-32. (38)
- 1,875,567; Daniels Theo. Wrapping machine. Issued 9-6-32. (28)
- 1,875,608; Huntmuller Wolf. Steam boiler. Issued 9-6-32. (28)
- 1,875,765; Scherbius Arthur. Vacuum switch. Issued 9-6-32. (28)
- 1,875,811; Hilgers Wilhelm. Machine for illuminating sorting and stamping eggs. Issued 9-6-32. (28)
- 1,875,875; All. Deutsche Gasgluhlicht Auer GmbH. Refrigerating method and apparatus. Issued 9-6-32. (28)
- 1,875,939; All. Eumuco A G. Power hammer. Issued 9-6-32. (28)
- 1,875,949; Stroher Karl Georg. Hair clamp. Issued 9-6-32. (28)
- 1,875,963; Von Bogdandy Stephan et al; Wamoscher Laszlo. Metal vapor lamp. Issued 9-6-32. (28)
- 1,875,999; Gerlach Robert Maria. Heavy metal naphenate. Issued 9-6-32. (28)
- 1,876,022; Rausch Gottfried. Dough dividing & kneading machine. Issued 9-6-32. (28)
- 1,876,052; Haendel Walter. Process for dyeing and figuring woven knitted & plaited fabrics leather and other materials. Issued 9-6-32. (28)
- 1,876,059; Klein Hans. Process for oxidizing organic compounds. Issued 9-6-32. (28)
- 1,876,075; Reichert Carl Sr et al; Reichert Karl Jr. Electric cutting machine for cutting out woven fabrics. Issued 9-6-32. (28)
- 1,876,137; Engelen Carl. Harvesting machine. Issued 9-6-32. (28)
- 1,876,161; Zazzara Donato. Apparatus for automatic expulsion of worked articles from stamping power presses. Issued 9-6-32. (38)
- 1,876,170; All. Pomosin Werke GmbH. Hardening of steel. Issued 9-6-32. (28)
- 1,876,229; Herzog Reginald Oliver et al; Berenyi Ludwig. Process of manufacturing hollow molded articles from solutions of film forming cellulosic materials. Issued 9-6-32. (28)
- 1,876,235; All. Toa Denki Kabushiki Kaisha. Commutator shorting device for motors. Issued 9-6-32. (39)
- 1,876,261; Pemetzrieder Georg. Apparatus for casting metals and metalloids. Issued 9-6-32. (28)
- 1,876,262; Pemetzrieder Georg. Alloy with copper as primary metal. Issued 9-6-32. (28)
- 1,876,263; Pittroff Andreas. Lacing shoe or boot. Issued 9-6-32. (28)
- 1,876,326; Lant Richard. Treatment of petrol & other organic liquids containing water. Issued 9-6-32. (6)
- 1,876,417; Hilscher Curt. Knock over bit apparatus. Issued 9-6-32. (28)
- 1,876,442; All. Siemens & Halske A G. Device for copying films. Issued 9-6-32. (28)
- 1,876,461; Kutter Leopold. Fountain pen. Issued 9-6-32. (6)
- 1,876,499; Hoffman Emil. Hoop iron band or the like tensioning and fastening device. Issued 9-6-32. (28)
- 1,876,563; All. Papyrus A G. Paper making machine. Issued 9-13-32. (28)
- 1,876,687; Kappler Paul. Ribbon reverse for typewriters and like machines. Issued 9-13-32. (28)
- 1,876,691; Klein Ludwig. Pilger rolling process and roll for performing same. Issued 9-13-32. (28)
- 1,876,765; Scharff Willy. Adjustable bearing bush. Issued 9-13-32. (28)
- 1,876,804; Von Stumm Herbert. Vehicle auxiliary lamp. Issued 9-13-32. (28)
- 1,876,805; Wagner Reinhold Richard. Solid sealing composition for waterless gasholders. Issued 9-13-32. (28)
- 1,876,817; Wolferts Jean. Waste and overflow for lavatories bidets bathtubs or the like. Issued 9-13-32. (28)
- 1,876,846; All. Vereinigte Stahlwerke A G. Welding agent. Issued 9-13-32. (28)
- 1,876,890; All. I G Farbenindustrie A G. Manufacture of artificial fibers. Issued 9-13-32. (28)
- 1,876,920; All. I G Farbenindustrie A G. Manufacture of carbohydrate derivatives. Issued 9-13-32. (28)
- 1,876,991; All. Deutsche Gluhfadenfabrik Rich Kurtz. Electric discharge tube. Issued 9-13-32. (28)
- 1,877,063; All. Vereinigte Stahlwerke A G. Method of producing hard alloys. Issued 9-13-32. (28)
- 1,877,081; Teves Alfred. Fluid pressure brake. Issued 9-13-32. (28)
- 1,877,099; All. Manfred Weiss Stahl und Metallwerke. Refuse receptacle. Issued 9-13-32. (34)
- 1,877,107; Dunnebier Max; Winkler Alfred et al. Feeding apparatus. Issued 9-13-32. (28)
- 1,877,120; Boehme Gustav. Toy aircraft. Issued 9-13-32. (28)
- 1,877,163; All. Luftschiffbau Zeppelin GmbH. Method of supplying fuel to internal combustion engines. Issued 9-13-32. (28)
- 1,877,170; Gross Paul. Process for opening up of cereals. Issued 9-13-32. (28)
- 1,877,182; Konecke Friedrich. Overshoe. Issued 9-13-32. (28)
- 1,877,239; All. Badische Maschinenfabrik & Co. Machine for the manufacture of match boxes. Issued 9-13-32. (28)
- 1,877,245; All. Kruckenberg Franz (28) and Heyner Fritz. Railway signaling system. Issued 9-13-32. (2)
- 1,877,310; Heidenhain Johannes. Method for the manufacture of screens. Issued 9-13-32. (28)
- 1,877,337; All. I G Farbenindustrie A G. Apparatus for preparing highly uniform solutions for the manufacture of artificial products. Issued 9-13-32. (28)
- 1,877,340; Kuhlmann Franz. Drafting machine. Issued 9-13-32. (28)
- 1,877,361; Perkins Edward. Ships hatch. Issued 9-13-32. (38)
- 1,877,373; Cohen Venezian Carlo. Crane. Issued 9-13-32. (38)
- 1,877,397; All. Hauboldt A G. Machine for spinning rayon. Issued 9-13-32. (28)
- 1,877,430; Skopik Oskar Ludwig. Differential servomotor braking device. Issued 9-13-32. (28)
- 1,877,489; Bartling Friedrich. Ammonia soda process for the production of sodium hydroxide NaOH with simultaneous production of ammonia. Issued 9-13-32. (28)
- 1,877,497; All. Felten & Guillaume Carlswerk A G. Deep sea cable. Issued 9-13-32. (28)



- 1,877,498; De Bernardi Mario. Combined controlling device for steering and stabilizing aircraft. Issued 9-13-32. (38)
- 1,877,499; De Bernardi Mario. Combined steering and stabilizing control device for aircraft. Issued 9-13-32. (38)
- 1,877,506; Heertsch Willy. Direction indicator. Issued 9-13-32. (28)
- 1,877,511; All. Felten & Guilleaume Carlswerk A G. Amplifier station for deep sea signaling cables. Issued 9-13-32. (28)
- 1,877,522; May Joseph. Arch support for footwear. Issued 9-13-32. (28)
- 1,877,608; All. Vereinigte Stahlwerke A G. Apparatus for sintering roasted materials. Issued 9-13-32. (28)
- 1,877,616; Strelitz Franz Philipp. Face massaging apparatus. Issued 9-13-32. (28)
- 1,877,630; All. Hermsdorf Schomburg Isolatoren. High tension insulator. Issued 9-13-32. (28)
- 1,877,663; Hoffman August. Paraffin device for treating threads. Issued 9-13-32. (28)
- 1,877,731; Kuchenmeister Heinrich. Sound reproducing appliance having a film record. Issued 9-13-32. (28)
- 1,877,779; All. I G Farbenindustrie A G. Alkyl cellulose esters. Issued 9-20-32. (28)
- 1,877,854; All. I G Farbenindustrie A G. Elastic product. Issued 9-20-32. (28)
- 1,877,855; All. I G Farbenindustrie A G. Process of preserving wood. Issued 9-20-32. (28)
- 1,877,856; All. I G Farbenindustrie A G. Manufacture of mixed cellulose ethers. Issued 9-20-32. (28)
- 1,877,858; All. Lorenz A G C. System of multiple radio transmission. Issued 9-20-32. (28)
- 1,877,933; All. I G Farbenindustrie A G. Manufacture of artificial textiles. Issued 9-20-32. (28)
- 1,877,961; All. I G Farbenindustrie A G. Process for the production of tungsten metal. Issued 9-20-32. (28)
- 1,877,981; All. Leitz Optische Werke Firm Ernst. Device for determining the quantitative relation of the components of a composite substance. Issued 9-20-32. (28)
- 1,877,984; Schmidt Johann Peter Jr. Curtain drawing device. Issued 9-20-32. (28)
- 1,878,043; Wagner Theodore Curt. Warp stop motion for looms. Issued 9-20-32. (28)
- 1,878,135; All Schmidt Sche Heissdampf GmbH. Interstate steam superheating by means of high pressure steam. Issued 9-20-32. (28)
- 1,878,138; Hermann Ernst. Method of producing a flat pictorial representation from a pattern in relief. Issued 9-20-32. (28)
- 1,878,146; Huber Gustav. Sewing machine. Issued 9-20-32. (28)
- 1,878,185; All. Rhenania Kunheim Verein Chemischer. Process for obtaining fertilizers. Issued 9-20-32. (28)
- 1,878,217; A. Schmidt Sche Heissdampf GmbH. Apparatus for regulating the operation of steam generating plants especially for locomotives. Issued 9-20-32. (28)
- 1,878,272; Erban Richard. Friction gear. Issued 9-20-32. (6)
- 1,878,344; Strelow Wilhelm. Dry gas meter. Issued 9-20-32. (28)
- 1,878,434; Belloni Angelo. Life saving hood. Issued 9-20-32. (38)
- 1,878,474; All. Drager Otto Heinrich. Life saving gear. Issued 9-20-32. (28)
- 1,878,507; Meitner Walter. Process for the recovery of tin compounds in the art of loading silk. Issued 9-20-32. (6)
- 1,878,514; All. Schmidt Sche Heissdampf GmbH. Combined steam generator and feed water preheater and purifier. Issued 9-20-32. (28)
- 1,878,517; All. Hiltbrandt Zahnfabrik AG. Dr. Artificial tooth. Issued 9-20-32. (28)
- 1,878,561; Wippmann Erich. Piston internal combustion engine with cylinder stars arranged one behind the other in a common frame. Issued 9-20-32. (28)
- 1,878,595; Moller Fritz. Rolling mill. Issued 9-20-32. (28)
- 1,878,646; Schneider Bernhard. Light reflector. Issued 9-20-32. (28)
- 1,878,652; Von Herz Edmund. Process of initial detonating explosive matter and for the manufacture of detonating caps in accordance therewith. Issued 9-20-32. (28)
- 1,878,715; Saul Siegfried. Air valve for bladders and other inflatable hollow bodies. Issued 9-20-32. (28)
- 1,878,733; Thorssell Carl Theodor. Process for the production of potassium nitrate. Issued 9-20-32. (28)
- 1,878,765; Ehrlich Johann. Stand for the display of goods. Issued 9-20-32. (6)
- 1,878,770; Goldschmidt Rudolf. Sound box for sound reproducing machines. Issued 9-20-32. (28)
- 1,878,833; Ellyson Frederick Washington. Tube receptacle with automatic closure. Issued 9-20-32. (6)
- 1,878,860; All. Bek Ernst Gideon. Machine for making chains. Issued 9-20-32. (28)
- 1,878,869; Lieberknecht Karl Richard. Loop regulating mechanism. Issued 9-20-32. (28)
- 1,878,885; Pahl Heinrich. Method of manufacturing rubber hose. Issued 9-20-32. (28)
- 1,878,905; All. Ingersoll Rand Co. Rock drill. Issued 9-20-32. (28)
- 1,878,908; Steinmuller Lebrecht. Water tube boiler. Issued 9-20-32. (28)
- 1,878,940; All. I G Farbenindustrie AG. Decomposition of waxes. Issued 9-20-32. (28)
- 1,878,962; All. I G Farbenindustrie AG. Process for producing siccatives. Issued 9-20-32. (28)
- 1,878,963; All. I G Farbenindustrie AG. Manufacture of condensation products. Issued 9-20-32. (28)
- 1,878,975; Lesage Alfred. Bicycle with auxiliary motor. Issued 9-20-32. (28)
- 1,878,976; Lesage Alfred. Motorcycle. Issued 9-20-32. (28)
- 1,878,996; All. Porzellanfabrik Weider Gebr Bauscher. Dripless spout for pouring vessels of ceramic material. Issued 9-27-32. (28)
- 1,879,013; Arnold Carl. Winding device for spinning toys. Issued 9-27-32. (28)
- 1,879,031; All. I G Farbenindustrie AG. Process of preparing vulcanized fibers. Issued 9-27-32. (28)
- 1,879,032; Becker Heinz. Smoking process. Issued 9-27-32. (28)
- 1,879,045; All. I G Farbenindustrie AG. Paint. Issued 9-27-32. (28)
- 1,879,071; All. I G Farbenindustrie AG. Precipitation of heavy metal hydroxides. Issued 9-27-32. (28)
- 1,879,124; De Dominicis Gaetano. Taping machine. Issued 9-27-32. (38)
- 1,879,156; Forster Bernhard. Device for the automatic single feeding of ring shaped blanks to working points. Issued 9-27-32. (28)
- 1,879,169; Friedinger Albert. Electric time switch. Issued 9-27-32. (28)
- 1,879,212; Hainlen Adolf. Apparatus for cooking or frying. Issued 9-27-32. (28)
- 1,879,238; All. Schmidt Sche Heissdampf GmbH. High pressure locomotive with interstage superheating. Issued 9-27-32. (28)
- 1,879,312; Killius Eduard Otto. Current supply regulating apparatus. Issued 9-27-32. (28)
- 1,879,327; Kremmling Otto. Process and apparatus for expressing bakers material. Issued 9-27-32. (28)
- 1,879,328; All. Kremmling Aribert. Apparatus for manufacturing pastries and confectionery. Issued 9-27-32. (28)
- 1,879,337; All. I G Farbenindustrie AG. Process for the manufacture of a naphthol. Issued 9-27-32. (28)
- 1,879,351; All. I G Farbenindustrie AG. Process for suppressing the growth of micro organisms. Issued 9-27-32. (28)
- 1,879,356; Lindemann Waldemar. Briquetting press. Issued 9-27-32. (28)
- 1,879,417; Muzzioli Gaetano. Process for printing inscriptions and drawings intended to be placed upon wood fabrics and other absorbent materials. Issued 9-27-32. (38)
- 1,879,577; All. I G Farbenindustrie AG. Process for precipitating iron from the solutions freed from copper obtained by burning pyrites with chlorine. Issued 9-27-32. (28)
- 1,879,724; Wolpert Emil. Seat. Issued 9-27-32. (28)
- 1,879,726; Berger Emil. Swimming device with automatic gas filling. Issued 9-27-32. (6)
- 1,879,743; All. Demag AG. Guide for the mandrel shafts in tube drawing benches. Issued 9-27-32. (28)
- 1,879,745; Henker Max Albert. Floating support. Issued 9-27-32. (28)
- 1,879,835; All. Nollesche Werke Kommandit Ges. Machine for the manufacture of templates. Issued 9-27-32. (28)
- 1,879,838; All. Krupp Fried A G. Printing mechanism for cash registers. Issued 9-27-32. (28)
- 1,879,842; Conradt Ottmar. Electrolytic cell and in anodes used in such cells. Issued 9-27-32. (28)
- 1,879,847; Gorhan Adolf. Production of waterfree ethyl alcohol. Issued 9-27-32. (6)
- 1,879,850; Klopp Friedrich. Device for hardening the surfaces of cylindrical bodies. Issued 9-27-32. (28)
- 1,879,866; All. Photogrammetrie GmbH. Mechanism of film propulsion. Issued 9-27-32. (28)
- 1,879,903; Kleiber Kurt. Closing device for collar buttons. Issued 9-27-32. (28)
- 1,879,904; All. I G Farbenindustrie A G. Positive electrode and process of preparing the same. Issued 9-27-32. (28)
- 1,879,912; All. I G Farbenindustrie A G. Alkyl naphthalenes and process for preparing the same. Issued 9-27-32. (28)
- 1,879,913; Schneider Ferdinand. Electrical advertisement clock. Issued 9-27-32. (28)
- 1,879,940; Mangiameli Francesco. Method of supplying gases to welding torches and the like. Issued 9-27-32. (28)
- 1,879,944; Muth Emil. Apparatus for conveying goods in bales sacks or the like. Issued 9-27-32. (28)
- 1,879,985; All. Motorenfabrik Deutz A G. Cooled nozzle for fuel valves in internal combustion engines. Issued 9-27-32. (28)
- 1,880,010; Bennhold Walter. Water gas generator. Issued 9-27-32. (28)
- 1,880,067; Barthelemy Henri Louis. Manufacture of cellulose acetate. Issued 9-27-32. (38)
- 1,880,159; All. Johne Werk Grafsche Maschinen A G. Pile compressing means for paper cutting machines and the like. Issued 9-27-32. (28)
- 1,881,430; All. I G Farbenindustrie A G. Process for the manufacture of solutions containing a compound of fluorine and aluminum. Issued 10-11-32. (28)
- 1,881,545; All. Schmidt Sche Heissdampf GmbH. Steam boiler especially marine boiler with indirect generation of the working steam. Issued 10-11-32. (28)
- 1,881,563; All. I G Farbenindustrie AKG. Production of esters. Issued 10-11-32. (28)
- 1,881,724; All. I G Farbenindustrie AKG. Magnetic piston pump. Issued 10-11-32. (28)
- 1,881,745; All. Chemische Fabrik Milch A G. Process of bleaching dyeing and printing vegetable and animal fiber material fabrics or felt. Issued 10-11-32. (28)
- 1,881,872; Neumann Wilhelm. Method of producing aluminum and aluminum alloys. Issued 10-11-32. (28)

- 1,881,927; Broche Hans; Pott Alfred et al. Process of hydrogenating solid carbonaceous material particularly solid fuels such as coal. Issued 10-11-32. (28)
- 1,881,972; All. Electroacoustic GmbH. A carrying device for subaqueous sound apparatus. Issued 10-11-32. (28)
- 1,882,017; All. Deutsche Gasgluhlicht Auer GmbH. Life restoring apparatus. Issued 10-11-32. (28)
- 1,882,033; All. Fiat S A. Reducing gear for coaxial shafts. Issued 10-11-32. (38)
- 1,882,090; Palm Hermann. Pattern rolls for applying colored designs on paperboard or the like webs. Issued 10-11-32. (28)
- 1,882,105; Wender Eugen. Movable clamp for metallic roof coverings. Issued 10-11-32. (28)
- 1,882,137; Fruchtenicht Heinrich. Screen for dual intensity headlights. Issued 10-11-32. (28)
- 1,882,162; Rosenberg Emanuel. Device for connecting and switching the windings of dynamos. Issued 10-11-32. (6)
- 1,882,171; Wolff Card. Warning and sounding device for ships. Issued 10-11-32. (28)
- 1,882,175; Bosse August. Process for the preparation of cellular raw material particularly artificial silk. Issued 10-11-32. (28)
- 1,882,187; Langenbacher Jakob. Paper making machine. Issued 10-11-32. (28)
- 1,882,328; Kinkel Heinrich. Blade for hack saws. Issued 10-11-32. (28)
- 1,882,360; Hilgenberg Ludwig Robert. Top for vehicles. Issued 10-11-32. (28)
- 1,882,507; Kronenberg Rudolf. Constructional form of rolling mill. Issued 10-11-32. (28)
- 1,882,518; All. I G Farbenindustrie AKG. The process of preparing organic bases. Issued 10-11-32. (28)
- 1,882,533; Walther Heinrich. Machine for cementing leather soles to shoes. Issued 10-11-32. (28)
- 1,882,535; Weber August. Apparatus for painting lines. Issued 10-11-32. (28)
- 1,882,593; Hentschel Erich. Transfer picture and process for its manufacture. Issued 10-11-32. (28)
- 1,882,594; Heuner Carl. Starting crank for internal combustion engine. Issued 10-11-32. (28)
- 1,882,643; Junkers Hugo. Doorlock. Issued 10-11-32. (28)
- 1,882,657; Elod Egon. Process for the recovery of coacs. 10-18-32. (28)
- 1,882,819; All. Lorenz C A G. Device for the quick control of voltage in dynamo electric machines. Issued 10-18-32. (28)
- 1,882,989; All. Lorenz C A G. Thermostatically controlled piezo crystal. Issued 10-18-32. (28)
- 1,883,014; All. Furukawa Kenki Kogyo. Method of manufacturing storage battery plates. Issued 10-18-32. (39)
- 1,883,124; All. Schmidt Sche Heissdampf GmbH. Indirectly heated steam generator. Issued 10-18-32. (28)
- 1,883,194; All. Schmidt Sche Heissdampf GmbH. Indirectly heated steam generator. Issued 10-18-32. (28)
- 1,883,638; Egl Arnold August. Multicolor intaglio printing machine. Issued 10-18-32. (28)
- 1,883,648; All. Soc Italiana Pirelli. Multicore oil filled high tension electric cable. Issued 10-18-32. (38)
- 1,883,676; Helferich Burckhardt; Fredenhagen Karl et al. Degradation of wood and other polysaccharids. Issued 10-18-32. (28)
- 1,883,677; Helferich Burckhardt; Fredenhagen Karl et al. Degradation of wood and other polysaccharides. Issued 10-18-32. (28)
- 1,883,685; All. Junkers Hugo. Hydraulic clutch. Issued 10-18-32. (28)
- 1,883,690; Gilgenberg Paul. Device for withdrawing low pressure gases from high pressure vessels. Issued 10-18-32. (28)
- 1,883,743; All. Maybach Motorenbau GmbH. Change speed gear. Issued 10-18-32. (28)
- 1,883,754; Beck Jakob. File. Issued 10-18-32. (28)
- 1,883,853; Bergmann Jean. Calculating machine. Issued 10-18-32. (28)
- 1,883,855; All. Librawerk M B H. Automatic weighing machine. Issued 10-18-32. (28)
- 1,883,858; Spless Georg. Sheet cutting machine. Issued 10-18-32. (28)
- 1,883,859; All. Adrian Firm and Busch. Shoe sewing machine. Issued 10-18-32. (28)
- 1,883,860; All. Bohme H Th A G. Wetting agent. Issued 10-25-32. (28)
- 1,883,958; Koeniger Walther. Ice skating rink. Issued 10-25-32. (28)
- 1,883,960; All. Koppel Arthur Fritz. Stop valve for liquid or gaseous substances. Issued 10-25-32. (28)
- 1,884,004; All. Lieberknecht Karl GmbH. Straight knitting machine attachment. Issued 10-25-32. (28)
- 1,884,025; All. Union special maschinenfabrik. Filled bag closing machine. Issued 10-25-32. (28)
- 1,884,026; All. Union special maschinenfabrik. Feeding mechanism for sewing machines. Issued 10-25-32. (28)
- 1,884,027; All. Union special maschinenfabrik. Ornamental stitch sewing machine. Issued 10-25-32. (28)
- 1,884,028; All. Union special maschinenfabrik. Thread controller for sewing machines. Issued 10-25-32. (28)
- 1,884,032; All. Union special maschinenfabrik. Apparatus for stitching bag material. Issued 10-25-32. (28)
- 1,884,033; All. Union special maschinenfabrik. Machine for edging fabric sections. Issued 10-25-32. (28)
- 1,884,185; Peiseler Alfred. File. Issued 10-25-32. (28)
- 1,884,214; Priemer Fritz. Printing roller and means for making the same. Issued 10-25-32. (28)
- 1,884,291; All. Felten & Guillaume Carlswerk A G. Ingot mold. Issued 10-25-32. (28)
- 1,884,342; All. Drager Otto Heinrich. Production of masks of rubber or other suitable artificial substances. Issued 10-25-32. (28)
- 1,884,420; Wagner Gottlob Friedrich. Circular knitting machine. Issued 10-25-32. (28)
- 1,884,881; Schmitthenner Carlos. Safety device for wing type turbines pumps and similar pieces of apparatus with movable vanes. Issued 10-25-32. (28)
- 1,884,981; Otto Fritz. Flexible suspension for rope hoisting equipment and in particular for mine cage winding. Issued 10-25-32. (28)
- 1,884,991; Gerdtz Gustav Friedrich. Blow off valve. Issued 10-25-32. (28)
- 1,884,993; Hansgirg Fritz. Production of metallic magnesium. Issued 10-25-32. (6)
- 1,885,059; Cicali Giovanni. Process for producing practically pure hydrogen. Issued 10-25-32. (38)
- 1,885,061; Kofler Georg. Automatic safety appliance for railway vehicles against over-running of signals. Issued 10-25-32. (28)
- 1,885,063; All. Silfree A G Silfree Ltd. Method of treating photo sensitive bodies. Issued 10-25-32. (28)
- 1,885,140; Rehse Matthias. Submerged alternating current drive. Issued 11-1-32. (28)
- 1,885,178; Bsteh Rudolf. Die lapping and grinding machine. Issued 11-1-32. (6)
- 1,885,208; Koeppe Leonhard. Projection screen. Issued 11-1-32. (28)
- 1,885,251; All. Alpine A G. Maschinenfabrik and crushing and grinding machine. Issued 11-1-32. (28)
- 1,885,341; Grauert Erich. Exchangeable heel. Issued 11-1-32. (28)
- 1,885,386; Stroher Karl. Hair Roll. Issued 11-1-32. (28)
- 1,885,395; Wemhoner Wilhelm. Carburetor. Issued 11-1-32. (28)
- 1,885,396; All. Gessner Ernst A G. Conditioning machine for cloths. Issued 11-1-32. (28)
- 1,885,402; Angelucci Ottorino. Apparatus for continuous evaporation or distillation especially with vacuum. Issued 11-1-32. (38)
- 1,885,413; All. Automobil Ansaldo S A. Change speed gear for motor cars. Issued 11-1-32. (38)
- 1,885,451; All. I G Farbenindustrie A G. Process of preparing an active mass for cathodes of electric alkaline accumulators. Issued 11-1-32. (28)
- 1,885,475; All. I G Farbenindustrie AG. Artificial products from cellulose derivatives and process of preparing the same. Issued 11-1-32. (28)
- 1,885,495; Urbinati Mario. Starting device for mercury arc rectifiers. Issued 11-1-32. (38)
- 1,885,553; Schieferstein Georg Heinrich. Method of and means for transforming oscillatory movements into rotary movement. Issued 11-1-32. (28)
- 1,885,557; Serra Luigi M. Rotary engine. Issued 11-1-32. (38)
- 1,885,578; Boykow Johann Maria. Apparatus for use in controlling aircraft. Issued 11-1-32. (28)
- 1,885,628; All. Reinecker J E A G. Arbor support for gear cutting machines. Issued 11-1-32. (28)
- 1,885,637; All. Piepmeyer and Co K G. Metal arc lamp. Issued 11-1-32. (28)
- 1,885,638; Steinmetz Samuel. Doormat. Issued 11-1-32. (34)
- 1,885,673; Bartling Friedrich. Rotary annular sole oven. Issued 11-1-32. (28)
- 1,885,694; Dyckerhoff Adolf. Lock nut. Issued 11-1-32. (28)
- 1,885,704; All. Terni Soc per L Industria E. Regenerator of Siemens Martin furnaces. Issued 11-1-32. (38)
- 1,885,707; All. Krakow Wilhelm. Doorlock with multiple action spring. Issued 11-1-32. (28)
- 1,885,719; All. Motorenfabrik Deutz A G. Combustion chamber for internal combustion engines. Issued 11-1-32. (28)
- 1,885,726; Isabella Gioachino Benvenuto. Rail cleaning and greasing apparatus. Issued 11-1-32. (38)
- 1,885,732; Krohn Fritz. Raising and traversing mechanism for suspended street lamps. Issued 11-1-32. (28)
- 1,885,747; Maurer Alfred. Drawing apparatus with pivotally movable lips for the manufacture of cellulose films of various thicknesses. Issued 11-1-32. (38)
- 1,885,819; Geficken Heinrich H et al; Richter Hans R. Photo electric tube. Issued 11-1-32. (28)
- 1,885,864; Schmitt Heinrich. Stop valve. Issued 11-1-32. (28)
- 1,885,902; Quante Wilhelm; Eufinger Peter et al. Machine for splicing cables. Issued 11-1-32. (28)
- 1,885,917; Kelemen Lewis et al; Keleti Zoltan. Inflatable rubber article. Issued 11-1-32. (34)
- 1,885,950; Sandig Maximilian et al; Buck David. Toothbrush. Issued 11-1-32. (6)
- 1,885,967; All. Fiat S A. Change speed mechanism. Issued 11-1-32. (38)
- 1,885,969; All. Universelle Cigarettenmaschinen. Cigarette rod machine. Issued 11-1-32. (28)
- 1,886,016; All. Universelle Cigarettenmaschinen. Detecting device for cigarette turning machines. Issued 11-1-32. (28)
- 1,886,025; Jereczek Viktor. Twist drill grinding machine. Issued 11-1-32. (28)
- 1,886,029; Krauter Hermann. Massaging and stimulating implement. Issued 11-1-32. (6)



- 1,886,047; All. United Cigarette Machine Co A G. Cigarette packing machine. Issued 11-1-32. (28)
- 1,886,050; All. Bleichert Adolf and Co A G. Process for the working of passenger ropeways with continuous traffic. Issued 1-1-32. (28)
- 1,886,054; All. Universelle Cigarettenmaschinen. Device for producing box parts with inserted edge lining. Issued 11-1-32. (28)
- 1,886,055; All. Universelle Cigarettenmaschinen. Method of forming boxes consisting of two parts one of which has a curved wall. Issued 11-1-32. (28)
- 1,886,061; Speidel Robert. Apparatus for peeling potatoes. Issued 11-1-32. (28)
- 1,886,064; All. Steinmauller L and C. Furnace. Issued 11-1-32. (28)
- 1,886,076; All. Siemens Schuckertwerke GmbH. Method of generating working steam. Issued 11-1-32. (28)
- 1,886,100; Hochstrasser Alfred R. Friction wheel lighter for solid fuel. Issued 11-1-32. (6)
- 1,886,101; All. Maschinenfabrik Augsburg. Gasometer. Issued 11-1-32. (28)
- 1,886,102; All. Universelle Cigarettenmaschinen. Device for detaching labels from a pile. Issued 11-1-32. (28)
- 1,886,115; Muller Carl Wilhelm. Tube like container for cigars. Issued 11-1-32. (28)
- 1,886,153; Perrotti Francesco. Electric switch. Issued 11-1-32. (38)
- 1,886,206; All. Climax Motorenwerke und Schiffswerft. Rotary blower. Issued 11-1-32. (6)
- 1,886,258; All. Gerbruder Haff GmbH. Ruling pen. Issued 11-1-32. (28)
- 1,886,268; Sprenger Arthur. Method for producing refractory bodies. Issued 11-1-32. (28)
- 1,886,275; All. Vereinigte Stahlwerke A G. Method of joining pipe ends. Issued 11-1-32. (28)
- 1,886,277; Winkler Alfred. Method and apparatus for galvanizing fancy chains and the like. Issued 11-1-32. (28)
- 1,886,283; All. Ludwig Lothar GmbH. Camera shutter. Issued 11-1-32. (28)
- 1,886,297; Hermann Ludwig M; Neuber Therese; Neuber Friedrich et al. Cooking plate. Issued 11-1-32. (28)
- 1,886,319; Venezian Carlo Cohen. Vehicle. Issued 11-1-32. (38)
- 1,886,376; All. Windmoller & Holscher GmbH. Machine for automatically opening square bottom paper bags. Issued 11-8-32. (28)
- 1,886,396; Hainlen Adolf. Method of reinforcing thin walled metal articles. Issued 11-8-32. (28)
- 1,886,425; Rawitzki Leo. Coin operated vending apparatus. Issued 11-8-32. (28)
- 1,886,426; Reichmann Heinrich. Automatic grab. Issued 11-8-32. (28)
- 1,886,442; Wimmer Heinrich. Mechanically operated toy figure. Issued 11-8-32. (28)
- 1,886,501; Schreiber David. Turned shoe. Issued 11-8-32. (6)
- 1,886,531; Dalchow Franz. Method and device to direct the shoots of young trees. Issued 11-8-32. (28)
- 1,886,547; Hoffmann Josef. Design forming apparatus for woven fabrics and the like. Issued 11-8-32. (28)
- 1,886,576; All. Ott A Firm. Integrator. Issued 11-8-32. (28)
- 1,886,591; Rothmund Leopold. Sluice or lock. Issued 11-8-32. (28)
- 1,886,596; Schlomer Michael. Apparatus for treating films. Issued 11-8-32. (28)
- 1,886,609; Von Frommer Rudolf. Breech bolt for automatic firearms. Issued 11-8-32. (34)
- 1,886,636; All. Soc Italiana Perelli. Vulcanization of rubber. Issued 11-8-32. (38)
- 1,886,702; Litty Paul. Controlling device for long lengths of spinning material having an appreciable width. Issued 11-8-32. (28)
- 1,886,784; All. Andreas Daub A G. Chain. Issued 11-8-32. (28)
- 1,886,840; Schoene Kurt. Valve. Issued 11-8-32. (28)
- 1,886,860; Zickmantel Carl. Shaving utensil. Issued 11-8-32. (28)
- 1,886,915; All. Goldschmidt TH A G. Process for the production of colloidal white lead basic lead carbonate from lead oxide. Issued 11-8-32. (28)
- 1,886,920; Thomas Kurt. Water closet douche. Issued 11-8-32. (28)
- 1,886,975; Proftlich Wilhelm. Synchronizing two internal combustion engines. Issued 11-8-32. (28)
- 1,886,978; Dahners Wilhelm Uhlhorn Emil Rubinstein Jacques et al; Heidelberg Victor. Internal combustion engine. Issued 11-8-32. (28)
- 1,886,982; Simon Otto. Process of producing cements for teeth. Issued 11-8-32. (28)
- 1,887,006; All. Schering Kahlbach A G. Packing for the stuffing boxes and covers or lids of apparatus and machines subjected to a high gas pressure. Issued 11-8-32. (28)
- 1,887,014; Durst August. Sparking plug controlling device for internal combustion engines. Issued 11-8-32. (28)
- 1,887,050; All. I G Farbenindustrie A G. Extraction of organic substances. Issued 11-8-32. (28)
- 1,887,063; Nast Karl. Rail joint. Issued 11-8-32. (28)
- 1,887,072; All. Sueddeutsche Bremsen A G. Internal combustion engine. Issued 11-8-32. (28)
- 1,887,079; Winter Gerhard. Method of manufacturing staple driving punches. Issued 11-8-32. (6)
- 1,887,164; Mieritz Johannes. Cutting device. Issued 11-8-32. (28)
- 1,887,166; Nuber Otto. Manufacture of knit goods. Issued 11-8-32. (28)
- 1,887,167; Pouchain Adolfo. Electric accumulator. Issued 11-8-2. (38)
- 1,887,178; All. Soc Italiana Ernesto Breda Per. Turbine locomotive. Issued 11-8-32. (38)
- 1,887,214; Otto Carl. Regenerative coke oven. Issued 11-8-32. (28)
- 1,887,260; Ehrhardt Friedrich et al; Roeder Christian. Lead pencil and like polishing machine. Issued 11-8-32. (28)
- 1,887,463; Emmel Karl. Method of producing cast iron of high qualities of strength in a cupola furnace. Issued 11-8-32. (28)
- 1,887,454; All. Fabbrica Italiana Magneti Marelli. Ignition magneto. Issued 11-8-32. (38)
- 1,887,464; All. Baustoff Picklin GmbH. Production of wall protective means. Issued 11-8-32. (28)
- 1,887,468; All. Soc Italiana Ernesto Breda Per. Impact ignition device and bomb or the like. Issued 11-8-32. (38)
- 1,887,472; All. Telehor A G. Picture scanning and assembling device for television and picture transmission. Issued 11-8-32. (28)
- 1,887,490; Imhoff Karl. Method of and apparatus for the treatment of sludge sewage and the like. Issued 11-15-32. (28)
- 1,887,509; Heinkel Ernst. Appliance for air-plane launching tracks. Issued 11-15-32. (28)
- 1,887,579; Carozzi Augusto. Elastic vehicle suspension with shock compensation. Issued 11-15-32. (38)
- 1,887,593; Guman Eugene. Mechanical integrating instrument. Issued 11-15-32. (57)
- 1,887,604; All. Toyo Kompuresoru Kabushiki Kaisha. Apparatus for forming concrete piles. Issued 11-15-32. (39)
- 1,887,633; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion locomotive. Issued 11-15-32. (28)
- 1,887,634; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion locomotive. Issued 11-15-32. (28)
- 1,887,649; Kumpmann Karl SR. Nut tapping machine. Issued 11-15-32. (28)
- 1,887,661; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion engine. Issued 11-15-32. (28)
- 1,887,673; All. Firm Oscar Gossler. Arrangement for teasing and layering spun glass. Issued 11-15-32. (28)
- 1,887,704; Wilisch Hugo. Filling block for heat exchange reaction and absorption apparatus. Issued 11-15-32. (28)
- 1,887,885; Forster Bernhard. Device for the production and insertion of the wire spirals into the ring sleeves of snap rings. Issued 11-15-32. (28)
- 1,887,891; All. Stug Kohlenstaubfeuerung. Pulverized fuel furnace. Issued 11-15-32. (28)
- 1,887,902; Garelli Adalberto. Starting device for internal combustion engines. Issued 11-15-32. (38)
- 1,887,917; All. Maschinenfabrik Augsburg Nurnberg. Stereotype plate casting machine. Issued 11-15-32. (28)
- 1,887,958; All. I G Farbenindustrie A G. Weighting animal hairs. Issued 11-15-32. (28)
- 1,888,016; All. Hydrometer A G Breslau. Boiler feeding device. Issued 11-15-32. (28)
- 1,888,032; Fischer Johann Georg. Means for emptying barrels. Issued 11-15-32. (28)
- 1,888,054; Tipecska Geza et al; Mach Ludwig C. Apparatus for reproducing literary and pictorial matter. Issued 11-15-32. (28)
- 1,888,156; Bielicke Willy F. Objective lens system. Issued 11-15-32. (28)
- 1,888,169; Kadletz Adolf C; Hollerer Karl et al. Press button. Issued 11-15-32. (6)
- 1,888,233; Nennicken Karl. Roof and wall structure. Issued 11-22-32. (28)
- 1,888,264; All. Felten & Guilleaume Carlsberg A G. Loaded submarine cable. Issued 11-22-32. (28)
- 1,888,271; All. Brehmer Gebruder. Method of and mechanism for automatically feeding individual signatures into a signature handling machine. Issued 11-22-32. (28)
- 1,888,303; All. Rotophot A G Fuer Graphische. Method of producing intaglio printing forms. Issued 11-22-32. (28)
- 1,888,344; Bon Piero. Production of reliefs and of colored pictures. Issued 11-22-32. (38)
- 1,888,367; Zorn Carl. Automatically filling fountain pen. Issued 11-22-32. (28)
- 1,888,387; All. Vereinigte Stahlwerke A G. Vessel for holding a liquid for humidifying the air. Issued 11-22-32. (28)
- 1,888,388; All. Gral Prisma GmbH. Reflector. Issued 11-22-32. (6)
- 1,888,394; Schol Carl Heinrich. Apparatus for obtaining a highly porous cellular light material from blast furnace slag. Issued 11-22-32. (28)
- 1,888,402; Weingaud Richard. Uniting lacquered cellulose foils. Issued 11-22-32. (28)
- 1,888,475; Schmitz Carl. Liquid excluder for the bearings of centrifugal separators. Issued 11-22-32. (28)
- 1,888,519; Traverso Francesco. Elastic suspension. Issued 11-22-32. (38)
- 1,888,532; Hultstrom David Carl Alfred. Diaphragm for loud speakers. Issued 11-22-32. (28)
- 1,888,574; Schabet Leopold. Two part case for cinematographs. Issued 11-22-32. (28)
- 1,888,808; All. Universelle Cigarettenmaschinen. Machine for producing two part boxes. Issued 11-22-32. (28)
- 1,888,831; All. Universelle Cigarettenmaschinen. Apparatus for distributing cigarettes from a container. Issued 11-22-32. (28)

- 1,888,832; All. Universelle Cigarettenmaschinen. Apparatus for packeting goods. Issued 11-22-32. (28)
- 1,888,867; Schmitt Georg Custav Emil. Swimming appliance. Issued 11-22-32. (28)
- 1,888,873; Eisele Albert. Lock. Issued 11-22-32. (28)
- 1,888,877; Mauser Karl Wilhelm. Reenforcing means for the rims of openings in metal containers. Issued 11-22-32. (28)
- 1,888,891; Schmidt Alfred. Process for manufacturing bent pipes. Issued 11-22-32. (28)
- 1,888,893; Tschorner Ludwig. Picture reproducing device for television. Issued 11-22-32. (6)
- 1,888,898; Wickel Friedrich Karl. Quill like structure in the form of a rigid waterproof and if desired transparent tube. Issued 11-22-32. (28)
- 1,888,904; Brauer Ernst. Station calling device. Issued 11-22-32. (28)
- 1,888,913; Erichsen Abraham Martinus. Mold for casting metals and metal alloys. Issued 11-22-32. (28)
- 1,888,926; All. Still Carl. Coke oven. Issued 11-22-32. (28)
- 1,888,936; All. Mauterer Arthur. Joint for iron pilings. Issued 11-22-32. (28)
- 1,888,943; Giersbach Julius C; Von Reiche Ludwig et al. Proceeding and arrangement for making of foamy dry dross. Issued 11-22-32. (28)
- 1,888,944; Andreae Fritz. Warp pile fabric. Issued 11-22-32. (28)
- 1,888,968; Mauterer Arthur. Interlocking sheet piling. Issued 11-22-32. (28)
- 1,888,989; Kratky Hans. Springing system for power driven. Issued 11-29-32. (6)
- 1,889,047; All. Rheinische Metallwaren und. Coupling for typewriter line spacing wheels. Issued 11-29-32. (28)
- 1,889,076; Mutter Karl. Loom. Issued 11-29-32. (28)
- 1,889,090; All. Heyl and Co Chemischpharmazeutische. Compound of nexamethylenetetramine and diphosphoric acid and process 3 of making same. Issued 11-29-32. (28)
- 1,889,096; All. Fabrik Explosionssicherer Gefasse. Device for measuring liquids. Issued 11-29-32. (28)
- 1,889,104; All. Shibuya Shinzaburo. Manila hemp beater. Issued 11-29-32. (39)
- 1,889,126; Malin Richard. Carburetor. Issued 11-29-32. (28)
- 1,889,147; Kruger Hermann. Method and mold for the local strengthening of the silver coating of galvanically silvered spoons and forks. Issued 11-29-32. (28)
- 1,889,179; Lobl Arnold. Casing for light signs and signaling apparatus. Issued 11-29-32. (6)
- 1,889,236; Burmeister Hans. Process of producing foam products. Issued 11-29-32. (28)
- 1,889,290; All. Fiat S A. Lubricating device for internal combustion engines with inverted cylinders. Issued 11-29-32. (38)
- 1,889,291; All. Fiat S A. Friction clutch. Issued 11-29-32. (38)
- 1,889,292; All. Brevetti Italiana Esteri S A B. 1 radio signaling system. Issued 11-29-32. (38)
- 1,889,294; All. Fiat S A. Triangular plane girder for aeroplanes. Issued 11-29-32. (38)
- 1,889,295; All. Fiat S A. Differential and simultaneous control for the engines of multiple engine machines. Issued 11-29-32. (38)
- 1,889,296; All. Lubecker Maschinenbau Ges. Supporting means for conveying and transporting vehicles. Issued 11-29-32. (28)
- 1,889,304; All. Fiat S A. Carburetor of aircraft engines for insuring the regular engine working in inverted load conditions. Issued 11-29-32. (38)
- 1,889,305; All. Fiat S A. Engine drive for aircraft propellers. Issued 11-29-32. (38)
- 1,889,314; All. Demag A G. Tube drawing bench. Issued 11-29-32. (28)
- 1,889,320; All. Demag A G. Push bench mandrel guide. Issued 11-29-32. (28)
- 1,889,339; Weiss Ernst. Collar stud and necktie retainer. Issued 11-29-32. (28)
- 1,889,350; Cohen Venezian Carlo. Aerofoil carrying rack. Issued 11-29-32. (38)
- 1,889,364; All. Brehmer Gebruder. Method of and mechanism for opening sheets in sheet handling machines. Issued 11-29-32. (28)
- 1,889,374; Renck Heinrich. Method and means for renewing ink repellent surfaces on mercury printing plates. Issued 11-29-32. (28)
- 1,889,375; Renck Heinrich. Method and means for renewing ink repellent surfaces on mercury printing plates. Issued 11-29-32. (28)
- 1,889,376; Renck Heinrich. Procedure for freshening up amalgamated printing spots. Issued 11-29-32. (28)
- 1,889,463; Cederberg Ivar Walfrid. Catalyzer for the oxidation of ammonia with oxygen or with gases containing oxygen. Issued 11-29-32. (28)
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- 1,889,492; All. Maschinenfabrik Augsburg. Piston cooling for combustion power engines. Issued 11-29-32. (28)
- 1,889,500; Schmidt Paul. Loom. Issued 11-29-32. (28)
- 1,889,557; Lange Hellmuth. Delivery device. Issued 11-29-32. (28)
- 1,889,574; All. Universelle Cigarettenmaschinen. Folding machine. Issued 11-29-32. (28)
- 1,889,591; Boerlage Johann. Reciprocating piston lubrication for pumps. Issued 11-29-32. (28)
- 1,889,606; All. Hartsteinwerk Niedersachsen GmbH. Cover closing for steam barrels heating boilers and the like. Issued 11-29-32. (28)
- 1,889,644; De La Roche Hans Rudolph Schmedes. Method of refractory covering iron and metal structures. Issued 11-29-32. (28)
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- 1,889,678; Mannich Charles. Aromatic esters of amino alcohols and process of manufacture. Issued 11-29-32. (28)
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- 1,889,785; Hoppe Gotthold. Intermittently acting feeding device. Issued 12-6-32. (28)
- 1,889,791; All. I G Farbenindustrie A G. Production of artificial resins. Issued 12-6-32. (28)
- 1,889,803; Henkels Hugo. Device for the manufacture of separable fasteners. Issued 12-6-32. (28)
- 1,889,812; Salvi Alessandro. Antivibrating self balanced suspension clamp. Issued 12-6-32. (38)
- 1,889,825; All. Technische Chemikalien Cie GmbH. Manufacture of rubber goods. Issued 12-6-32. (28)
- 1,889,898; Kellermann Heinrich. Pyrophoric lighter. Issued 12-6-32. (28)
- 1,889,899; Langenhan Max. Billiard table. Issued 12-6-32. (28)
- 1,889,960; All. I G Farbenindustrie A G. Process for increasing the solubility of water soluble salts. Issued 12-6-32. (28)
- 1,890,023; Schroder Carl Sr. Process for covering plaster carrying wire netting. Issued 12-6-32. (28)
- 1,890,027; Brinkmann Theodor. Casting runner. Issued 12-6-32. (28)
- 1,890,042; Morandi Antonio. Clamping means. Issued 12-6-32. (28)
- 1,890,079; Focke Heinrich. Aircraft wing. Issued 12-6-32. (28)
- 1,890,087; Kasantzeff Florentin. Triple valve for automatic railway brakes. Issued 12-6-32. (28)
- 1,890,088; Kasantzeff Florentin. Triple valve for direct acting railway brakes. Issued 12-6-32. (28)
- 1,890,147; Cotti Aldo. Hand apparatus for roughing cloth. Issued 12-6-32. (38)
- 1,890,156; Konig Wenzel. Shower rose. Issued 12-6-32. (28)
- 1,890,168; Stoltz Otto. Dummy rifle. Issued 12-6-32. (28)
- 1,890,200; Thierfelder Guido. Flat hosiery frame. Issued 12-6-32. (28)
- 1,890,274; All. Magyar Fem Es Lampa Aru Gyar. Hand grenade. Issued 12-6-32. (34)
- 1,890,300; Nagele Karl Friedrich. Device for automatically arranging the elements of sliding clasp fasteners. Issued 12-6-32. (28)
- 1,890,304; Scholler Heinrich. Process & device for the saccharification of cellulose and the like. Issued 12-6-32. (28)
- 1,890,332; All. Eisenwerk Wufel. Flexible elastic coupling. Issued 12-6-32. (28)
- 1,890,347; Voss Walter. Drop closure for bottles receptacles and the like. Issued 12-6-32. (28)
- 1,890,351; All. Rheinische Metallwaren und. Sighting device for ordnance. Issued 12-6-32. (28)
- 1,890,360; Bauermeister Wilhelm. Rotary shutter for rontgen apparatus. Issued 12-6-32. (28)
- 1,890,415; Ruping Max. Device for stressing springs. Issued 12-6-32. (28)
- 1,890,459; All. Von Radowitz Wilhelm. Process of making fertilizers from feces or the like. Issued 12-13-32. (28)
- 1,890,491; All. Holzhydrolyse A G. Consolidated lignin and method of producing the same. Issued 12-13-32. (28)
- 1,890,492; All. Bohme H Th A G. Process of improving the efficiency of refining baths of the textile art the refining bath and the process of refining textile material. Issued 12-13-32. (28)
- 1,890,533; Sollich Robert. Process and apparatus for manufacturing sugar sweetmeats and the like. Issued 12-13-32. (28)
- 1,890,535; Ern Carl Friedrich. Safety device for razor blades. Issued 12-13-32. (28)
- 1,890,537; Frank Armin. Hoe. Issued 12-13-32. (28)
- 1,890,542; All. Roosen Richard. Controlling coal dust furnaces. Issued 12-13-32. (28)
- 1,890,604; Gottmanns Karl. Bearing. Issued 12-13-32. (28)
- 1,890,634; Wenzel Max. Flow rectifier for paper stock. Issued 12-13-32. (28)
- 1,890,713; Zuber Ludwig. Shock absorber. Issued 12-13-32. (28)
- 1,890,723; All. New York Hamburger Gummwaren Cie. Coating material. Issued 12-13-32. (28)
- 1,890,783; All. Smyrna Automat GmbH. Machine for the manufacturing of knotted carpets and the like. Issued 12-13-32. (28)
- 1,890,793; All. I G Farbenindustrie A G. Process for the execution of gas reactions. Issued 12-13-32. (28)
- 1,890,959; Vohs Norbert. Woven fabric. Issued 12-13-32. (28)
- 1,890,993; All. Strobach Paul Firm. Multiphase protective system. Issued 12-13-32. (28)
- 1,890,996; Kurz Hans et al; Albert Karl. Ink for intaglio printing and improvement in the production of such inks. Issued 12-13-32. (6)
- 1,891,007; Plazzo Francesco Carlo. Process for producing calcium phosphates rich in phosphoric acid soluble in water. Issued 12-13-32. (38)



- 1,891,043; All. I G Farbenindustrie A G. Hydro aromatic ketones. Issued 12-13-32. (28)
- 1,891,105; Meyer Friedrich Wilhelm. Chain saw structure for portable motor tree saws. Issued 12-13-32. (6)
- 1,891,165; Knupffer Paul R V. Roller mill. Issued 12-13-32. (28)
- 1,891,282; Junghans Helmut. Electrically wound clock. Issued 12-20-32. (28)
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- 1,891,290; Tessky Karl. Work piece guide for machine tools. Issued 12-20-32. (28)
- 1,891,309; Hein Hermann. Skimming aircraft landing sail. Issued 12-20-32. (28)
- 1,891,340; Baldid Cino; Ammirandoli David et al. System for reducing shocks. Issued 12-20-32. (38)
- 1,891,363; Rohn Otto. Egg yolk substitute for tanning. Issued 12-20-32. (28)
- 1,891,390; Liebig Heinrich. Ventilator for motor cars. Issued 12-20-32. (28)
- 1,891,393; Oppenlander Karl. Collapsible dinner or tea wagon. Issued 12-20-32. (28)
- 1,891,412; Grune Max. Process for binding together two or more layers of leather more particularly for the manufacture of boots and shoes. Issued 12-20-32. (28)
- 1,891,414; All. Printator GmbH. Writing and drawing pad. Issued 12-20-32. (28)
- 1,891,564; Regnoni Romualdo; Mazza Leandro et al. Circuit arrangement for telegraphic apparatus. Issued 12-20-32. (38)
- 1,891,586; Woerner Eugen. Pressure operated valve. Issued 12-20-32. (28)
- 1,891,593; All. Deutsche Gold und Silber. Apparatus for the manufacture of water free ethyl alcohol. Issued 12-20-32. (28)
- 1,891,678; All. Maybach Motorenbau GmbH. Change speed gear. Issued 12-20-32. (28)
- 1,891,700; All. Still Carl Firm. Method of heating coke ovens. Issued 12-20-32. (28)
- 1,891,810; Gianolio Giuseppe. Level gauge indicating at a distance the level of a liquid contained in a tank. Issued 12-20-32. (38)
- 1,891,815; Heldrich Helene. Bodkin for drawing material through hollow hems. Issued 12-20-32. (28)
- 1,891,822; Kahn Theodor. Apparatus for making sound records. Issued 12-20-32. (28)
- 1,891,829; Nathansohn Alexander. Process of highly polymerizing cellulose acetate and the product thereof. Issued 12-20-32. (28)
- 1,891,833; All. Fabl & Grun. Frame for hand bags and like containers. Issued 12-20-32. (6)
- 1,891,849; All. Zaldan Hojin Rikagaku Kenkyujo. Process of making projecting screens. Issued 12-20-32. (39)
- 1,891,873; Elbe Rudolf. Apparatus for treating food stuffs such as meat and fish. Issued 12-20-32. (28)
- 1,891,941; Messerschmitt Willy. Flying machine. Issued 12-27-32. (28)
- 1,891,974; Fischer Franz. Method of purifying gases. Issued 12-27-32. (28)
- 1,892,063; Maier Franz Xaver. Permanent hair waving apparatus. Issued 12-27-32. (28)
- 1,892,251; Rausch Gottfried. Automatic dough dividing and rolling machine. Issued 12-27-32. (28)
- 1,892,277; Junkers Hugo. Cylinder for internal combustion engines. Issued 12-27-32. (28)
- 1,892,325; Wist Engelbert. Means for converting the electric arc into an elongated flame. Issued 12-27-32. (6)
- 1,892,335; All. Teves Alfred Maschinen und Armaturen Fabrik GmbH. Hydraulic brake. Issued 12-27-32. (28)
- 1,892,342; Haselbach Albrecht. Process for the preparation of beers weak in alcohol. Issued 12-27-32. (28)
- 1,892,369; Tibaldi Giuseppe. Self filling fountain pen. Issued 12-27-32. (38)
- 1,892,410; Hess Heinrich; Rohm Otto et al; Fischer Herbert. Tanning process. Issued 12-27-32. (28)
- 1,892,424; De Geronimi Baldano. Moving picture screen. Issued 12-27-32. (38)
- 1,892,456; Bennhold Walter. Apparatus for producing water gas. Issued 12-27-32. (28)
- 1,892,459; Engels Bernard. Process for drawing a glass band from the surface of the molten glass metal. Issued 12-27-32. (28)
- 1,892,470; Pragerstorfer Anton Stefan. Band saw blade guide. Issued 12-27-32. (6)
- 1,892,479; Arato Achille. Mounting for steering wheels of vehicles. Issued 12-27-32. (38)
- 1,892,532; Oberlin Max. Process for the production of 1 para aminophenyl 2 methylamino propanol 1. Issued 12-27-32. (28)
- 1,892,574; Huhn Gustav. Plug cock. Issued 12-27-32. (28)
- 1,892,586; Sacerdoti Camillo. Boat apparatus for lowering lifeboats to the water from ships. Issued 12-27-32. (38)
- 1,892,597; All. Fiat S A. Automatic device for limiting the speed of internal combustion engines more particularly of tractor engines or the like. Issued 12-27-32. (38)
- 1,892,628; Peyinghaus Walter. Journal bearing. Issued 12-27-32. (28)
- 1,892,633; All. Herm Bertram Hallesche. Machine for dividing and working dough. Issued 12-27-32. (28)
- 1,892,746; Colonnese Vittorino. Float structure. Issued 1-3-33. (38)
- 1,892,815; Stuhler Martin. Centrifugal machine for making conical hollow bodies particularly reinforced concrete poles. Issued 1-3-33. (28)
- 1,892,840; Kamps Otto. Aluminum alloy. Issued 1-3-33. (28)
- 1,892,843; Klopp Friedrich. Apparatus for surface hardening of the inner wall of hollow bodies. Issued 1-3-33. (28)
- 1,892,967; All. Ruthsaccumulator A B. Energy distribution system. Issued 1-3-33. (28)
- 1,892,968; Schieferstein Georg Heinrich. Method of and means for improvements in mechanical oscillators. Issued 1-3-33. (28)
- 1,892,971; Schweitzer Otto. Regenerative reverberatory furnace. Issued 1-3-33. (28)
- 1,892,987; All. Brehmer Gebruder maschinenfabrik. Flat gluing machine. Issued 1-3-33. (28)
- 1,893,014; All. Maschinenfabrik Augsburg Nurnberg. Eccentric lifting device. Issued 1-3-33. (28)
- 1,893,035; Pawlikowski Rudolf. Internal combustion engine for pulverulent fuel. Issued 1-3-33. (28)
- 1,893,053; Funcke Karl. Perforating device for printing presses. Issued 1-3-33. (28)
- 1,893,057; All. Universelle Cigarettenmaschinen cigarette machine. Issued 1-3-33. (28)
- 1,893,077; Garweg August. Hardening medium and process for hardening tools of iron or steel. Issued 1-3-33. (28)
- 1,893,081; Herzstark Samuel Jacob. Printing or typing adding or subtracting machine or typing calculating machine. Issued 1-3-33. (6)
- 1,893,086; Keller Georg. Arrangement for consecutively addressing any number of envelopes without carbon copy by means of a typewriter. Issued 1-3-33. (28)
- 1,893,090; Kreidler Alfred. Indicating device. Issued 1-3-33. (28)
- 1,893,092; Liberman Alexander Jezekil. Device for cutting out sections of a photographic film for development. Issued 1-3-33. (28)
- 1,893,122; Baldeweg Max. Roll film box camera. Issued 1-3-33. (28)
- 1,893,130; Frulli Dino; Chelazzi Mirko et al. Issued 1-3-33. (38)
- 1,893,187; Schneider Arthur (28); Urbanek Julius et al (6). Cushioning mechanism for power hammers. Issued 1-3-33. (28)
- 1,893,227; Cohen Venezian Carlo. Vehicle for carrying aircraft parts and other loads. Issued 1-3-33. (38)
- 1,893,266; All. Soc Italiana Reti Telefoniche. Electric cable. Issued 1-3-33. (38)
- 1,893,331; Kangro Walther et al; Lindner Agnes. Process of separating beryllium compounds from beryllium containing minerals or other substances. Issued 1-3-33. (28)
- 1,893,384; Werner John. Method of producing imitations of valuable sorts of wood and tarsia style coatings. Issued 1-3-33. (28)
- 1,893,389; All. Universelle Cigarettenmaschinen apparatus for erecting box shells. Issued 1-3-33. (28)
- 1,893,410; Guerri Giuseppe. Method of and means for raising and lowering tractor drawn implements. Issued 1-3-33. (38)
- 1,893,411; Hallermann Adolf. Process and apparatus for clarifying or separating the head from the fermenting liquor in brewing or in other fermentation processes. Issued 1-3-33. (28)
- 1,893,421; All. Oesterreichische Brown Boveri. Indicating and recording apparatus. Issued 1-3-33. (6)
- 1,893,423; Loffler Stephan Dec. Process for treating coals tars mineral oils and the like by hydrogenation under high pressure and at high temperature. Issued 1-3-33. (28)
- 1,893,447; All. Schmid Karl. Process of an apparatus for nitrating glycerine glycol and similar alcohols. Issued 1-3-33. (28)
- 1,893,495; Eberhard Rudolf. Process for making coating materials for deoxidation of rust. Issued 1-10-33. (28)
- 1,893,623; Imhoff Karl. Sewage purification. Issued 1-10-33. (28)
- 1,893,657; Schafer Carl. Device for simultaneously opening a plurality of valves. Issued 1-10-33. (28)
- 1,893,741; All. Electroacoustic GmbH. Arrangement for directional transmission and reception with a plurality of oscillators. Issued 1-10-33. (28)
- 1,893,758; Bloch Max. Machine for steeping pelts. Issued 1-10-33. (28)
- 1,893,770; Garbe Ernst August. Disinfecting medium and the process of manufacturing the same. Issued 1-10-33. (28)
- 1,893,777; All. Autogenwerk Sirius GmbH. Production of gases from carbides and water. Issued 1-10-33. (28)
- 1,893,778; All. Gebruder Brehmer. Paper feeding. Issued 1-10-33. (28)
- 1,893,786; Reiner Otto. Reversing gear for furnaces. Issued 1-10-33. (28)
- 1,893,800; Home Hugo. Shock absorber for vehicles. Issued 1-10-33. (28)
- 1,893,855; Baer Alfred. Cooling means for rotary valves. Issued 1-10-33. (28)
- 1,893,916; Waldrich Oskar. Copying mechanism. Issued 1-10-33. (28)
- 1,893,945; Kaselitz Oscar. Production of potassium nitrate. Issued 1-10-33. (28)
- 1,893,946; Kaselitz Oscar. Production of calcium nitrate. Issued 1-10-33. (28)
- 1,893,948; Klotz Wilhelm. Door key attachment. Issued 1-10-33. (28)
- 1,893,949; Koller Kurt. Couch bed. Issued 1-10-33. (28)
- 1,893,951; Kuhner Otto. Sheet metal press. Issued 1-10-33. (28)
- 1,893,995; Jung Karl. Bearing for accurately running shafts using ball bearings. Issued 1-10-33. (28)
- 1,894,077; Winkler Alfred et al; Dunnebier Max. Chocolate and the like coating machine. Issued 1-10-33. (28)
- 1,894,121; All. Jahn Reinhard Bad Suderode. Clothes peg. Issued 1-10-33. (28)
- 1,894,128; Schult Kurt. Holding clip consisting of a spring for cigarettes or cigars. Issued 1-10-33. (28)

- 1,894,135; Torok Gabriel et al; Becze Georg. Making dough and bread. Issued 1-10-33. (34)
- 1,894,142; Wurzbürger Paul. Polishing appliance for finger nails. Issued 1-10-33. (28)
- 1,894,149; Bartling Friedrich. Process for conserving granular materials. Issued 1-10-33. (28)
- 1,894,181; Lebert Alfred. Tool and apparatus for leveling cylindrical surfaces from grinding disks. Issued 1-10-33. (28)
- 1,894,208; All. Metall Gesellschaft A G. Method of producing alumina. Issued 1-10-33. (28)
- 1,894,239; All. I G Farbenindustrie A G. Production of molybdenum and tungsten carbonyls. Issued 1-10-33. (28)
- 1,894,245; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 1-10-33. (28)
- 1,894,288; Weigel Hans. Rolling process. Issued 1-17-33. (28)
- 1,894,313; Hoffmann August. Thread guide advancing device for bobbin winding machines. Issued 1-17-33. (28)
- 1,894,369; Duffing Georg. Viscometer. Issued 1-17-33. (28)
- 1,894,378; Lesage Alfred. Starting device for outboard motors. Issued 1-17-33. (28)
- 1,894,419; Pott Alfred. Purification of coal distillation gases. Issued 1-17-33. (28)
- 1,894,449; Sandvoss Herrmann. Meter for heat quantities. Issued 1-17-33. (28)
- 1,894,467; All. I G Farbenindustrie A G. Production of foils and apparatus therefor. Issued 1-17-33. (28)
- 1,894,485; Frankl Jacques. Clothes trunk. Issued 1-17-33. (6)
- 1,894,489; All. Hirose Kito. Folding stool ladder. Issued 1-17-33. (39)
- 1,894,553; Dudew Christo Dimitroff. Safety razor. Issued 1-17-33. (11)
- 1,894,588; Loimann Anton Hilscher Curt et al. Knock over bit apparatus. Issued 1-17-33. (28)
- 1,894,697; Lukki Alexander. Indicator. Issued 1-17-33. (28)
- 1,894,718; All. Stern Karl. Stamp and drawing press. Issued 1-17-33. (6)
- 1,894,765; All. I G Farbenindustrie A G. Production of acetylene. Issued 1-17-33. (28)
- 1,894,769; Hoffmann Kurt. Revolving fire preventing shutter for cinematographic projection apparatus. Issued 1-17-33. (28)
- 1,894,808; Witte Martin. Rapid determination of the percentages of light and black constituents of finely grained mixtures. Issued 1-17-33. (28)
- 1,894,809; Witte Martin. Testing of coal dust mineral dust mixtures. Issued 1-17-33. (28)
- 1,894,839; Werner Karl. Suspension spring. Issued 1-17-33. (28)
- 1,894,852; All. Felton and Guillaume Carls-werk. Coil piece for deep sea signaling cables. Issued 1-17-33. (28)
- 1,894,877; All. Lange and Geilien. Centrifugal mold filling apparatus. Issued 1-17-33. (28)
- 1,894,883; All. Ural Maschinen. Motor for tree saws. Issued 1-17-33. (6)
- 1,894,893; Schlumbohm Peter. Apparatus for absorbing aqueous vapors by means of a hygroscopic liquid such as sulphuric acid in a vacuum. Issued 1-17-33. (28)
- 1,894,922; Riess Hermann. Pressure fluid generator. Issued 1-17-33. (28)
- 1,894,988; Garbe Herman. Water tube boiler. Issued 1-24-33. (28)
- 1,894,029; Eisele Albert. Speedometer. Issued 1-24-33. (28)
- 1,895,043; Macaluso Eugenio. Propeller. Issued 1-24-33. (38)
- 1,895,047; Neumann Rudolf. Gas pressure regulator. Issued 1-24-33. (28)
- 1,895,049; Rosenberg Emanuel. Regulating pole for electric machines. Issued 1-24-33. (6)
- 1,895,057; Von Frommer Rudolf Tool holder. Issued 1-24-33. (34)
- 1,895,070; Czerweny Viktor. Cardboard box & the like. Issued 1-24-33. (6)
- 1,895,126; Hilgenberg Robert. Talking machine. Issued 1-24-33. (28)
- 1,895,135; Rohn Wilhelm. Water cooled mold. Issued 1-24-33. (28)
- 1,895,192; All. I G Farbenindustrie A G. Spinning cellulose solution. Issued 1-24-33. (28)
- 1,895,194; Kutzner Willy et al; Kutzner Fred. Process of the production of dry glue. Issued 1-24-33. (28)
- 1,895,200; All. I G Farbenindustrie A G. Stabilized solutions of siccatives. Issued 1-24-33. (28)
- 1,895,207; All. Berlin Karlsruher Industriewerke A G. Method of forming projectiles. Issued 1-24-33. (28)
- 1,895,240; All. Elektrische apparate GmbH. Electrical distant control system. Issued 1-24-33. (28)
- 1,895,249; Juffa Wilhelm. Container for the packing of articles. Issued 1-24-33. (28)
- 1,895,263; All. Jahr M Rudolf Firm. Method for carbonizing woolen fabrics. Issued 1-24-33. (28)
- 1,895,265; Merk Friedrich. Multiple brush selector with mechanical brush selection. Issued 1-24-33. (28)
- 1,895,271; Tonnies Hans Ferdinand. Photographic exposuremeter. Issued 1-24-33. (28)
- 1,895,329; Ipatieff Wladimir et al; Freitag Carl. Process of producing phosphoric acid and hydrogen. Issued 1-24-33. (28)
- 1,895,338; Neumann Georg. Foldable travelers table and the like. Issued 1-24-33. (28)
- 1,895,350; Snay Carl. Time Switch. Issued 1-24-33. (28)
- 1,895,353; Sturm Erwin. Rotary engine. Issued 1-24-33. (28)
- 1,895,389; 101 Recktenwald Margarete Theusner Geb. Heel protecting cap. Issued 1-24-33. (28)
- 1,895,397; Pouchain Adolfo. Negative electrode for electric accumulators. Issued 1-24-33. (38)
- 1,895,555; Reckmeier Emil. Three color photographic camera. Issued 1-31-33. (28)
- 1,895,599; Zimmer Otto. Corner holder. Issued 1-31-33. (28)
- 1,895,601; Buehner Kurt. Purification of gases and apparatus therefor. Issued 1-31-33. (28)
- 1,895,645; Rostock Otto et al; Claussen Jurgen. Device for cleaning matrices. Issued 1-31-33. (28)
- 1,895,666; Junghans Helmut. Anchor escapement for clocks and the like. Issued 1-31-33. (28)
- 1,895,667; Junkers Hugo. Structural member. Issued 1-31-33. (28)
- 1,895,668; Junkers Hugo. Riveting device. Issued 1-31-33. (28)
- 1,895,745; All. Freccaldo Automaten. Automatic selling machine. Issued 1-31-33. (6)
- 1,895,747; Beldimano Alexander. Pressure accumulator for gases and liquids. Issued 1-31-33. (28)
- 1,895,751; Bulow August. Steering gear for motor vehicles. Issued 1-31-33. (28)
- 1,895,754; Finkenwirth Max. Measuring stick. Issued 1-31-33. (28)
- 1,895,763; Lubbertsmeier Adolf. Safety razor blade. Issued 1-31-33. (28)
- 1,895,877; Bernfus Erich. Means for forming the top layer of packed fruit. Issued 1-31-33. (6)
- 1,895,982; All. Soc Italiana Pirelli. Device for reducing the current in the lead sheaths of cables. Issued 1-31-33. (38)
- 1,895,983; All. Soc Italiana Pirelli. Apparatus for degasifying liquids. Issued 1-31-33. (38)
- 1,896,002; Lant Richard. Waterproofing and to the treatment of materials with a view to rendering them resistant to the action of atmospheric conditions. Issued 1-31-33. (6)
- 1,896,019; All. Hintsches Karl. Device for preventing carburetor fires. Issued 1-31-33. (28)
- 1,896,022; All. Egeyult Izzolampa es. Plated metal body and method of producing same. Issued 1-31-33. (34)
- 1,896,092; Mangiameli Francesco. Apparatus for mixing gases. Issued 2-7-33. (28)
- 1,896,138; Gunzel Arno. Vehicle Wheel. Issued 2-7-33. (28)
- 1,896,139; Hayn Georg. Coal dust furnace. Issued 2-7-33. (28)
- 1,896,140; Kaufmann Alois. Pocket lighter. Issued 2-7-33. (6)
- 1,896,199; Peiseler Alfred. Apparatus for the production of files and file casings. Issued 2-7-33. (28)
- 1,896,203; All. Fiat S A. Aircraft door. Issued 2-7-33. (38)
- 1,896,282; Schimtz Helmuth; Broche Hans et al. Process for the production of hydrogenated naphthalenes from technical naphthalene. Issued 2-7-33. (28)
- 1,896,328; All. Franke Frida. Electrical transformer for special purposes. Issued 2-7-33. (28)
- 1,896,426; Schmidt Carl. Machine for manufacturing hollow rotary elements from circular blanks of sheet metal. Issued 2-7-33. (28)
- 1,896,433; Windeknecht Carl August. Arrangement for producing open spaces on buildings. Issued 2-7-33. (28)
- 1,896,443; All. Fabbrica Italiana Magneti Marelli. Electric connector. Issued 2-7-33. (38)
- 1,896,444; All. Fabbrica Italiana Magneti Marelli. Sparking plug. Issued 2-7-33. (38)
- 1,896,449; Kreidler Anton. Cam gear for internal combustion engines. Issued 2-7-33. (28)
- 1,896,467; Scheiber Johannes. Process for the treatment of fatty oils. Issued 2-7-33. (28)
- 1,896,489; All. I G Farbenindustrie A G. Production of cyanamides of the alkaline earth metals. Issued 2-7-33. (28)
- 1,896,490; Komm Ernst. Process for the treatment of wheat germs. Issued 2-7-33. (28)
- 1,896,520; Komm Ernst. Process for the manufacture of a disbittered product of wheat germ. Issued 2-7-33. (28)
- 1,896,521; Komm Ernst. Process for obtaining high valued nutrients from the products of cerealia and legumens. Issued 2-7-33. (28)
- 1,896,557; All. Fiat S A. Carburetor. Issued 2-7-33. (38)
- 1,896,581; All. I G Farbenindustrie A G. Electric insulating material. Issued 2-7-33. (28)
- 1,896,651; Turkenburg Felix Ritter Kalbacher V. Mercury vapor lamp. Issued 2-7-33. (28)
- 1,896,697; Buchner Max. Process of decomposition of complex hydrofluoric salts. Issued 2-7-33. (28)
- 1,896,718; Noeggerath Jacob Emil. Electrode vessel for electrolytic apparatus. Issued 2-7-33. (28)
- 1,896,739; Breslauer Rudolf. Production of color plates. Issued 2-7-33. (28)
- 1,896,807; Bauer Georg. Process for the recovery of platinum and its byproducts from mattes. Issued 2-7-33. (28)
- 1,896,926; Von Frommer Rudolf. Back sight for firearms. Issued 2-7-33. (34)
- 1,896,936; All. Krupp Fried A G. Book-keeping machine. Issued 2-7-33. (28)
- 1,896,945; Friederich Walter. Process of manufacturing nitrous oxide. Issued 2-7-33. (28)



- 1,896,958; Kohl Karl. System for producing high frequency waves. Issued 2-7-33. (28)
- 1,896,959; Kurtosy Laszlo. Automatic coupling for railway vehicles. Issued 2-7-33. (34)
- 1,896,981; All. Shizuoka Boeki Kabushiki Kaisha. Tea container. Issued 2-7-33. (39)
- 1,897,175; Meyer Arthur. Automatic flat bottom unloading device. Issued 2-14-33. (28)
- 1,897,177; Pohl Ernst. Supporting frame for Rontgen ray apparatus. Issued 2-14-33. (28)
- 1,897,184; Zopp August. Induction motor. Issued 2-14-33. (6)
- 1,897,191; Farina Giovanni. Explosion engine. Issued 2-14-33. (38)
- 1,897,197; Jolas Franz. Heating plate. Issued 2-14-33. (28)
- 1,897,313; Linnmann Wilhelm. Separator. Issued 2-14-33. (28)
- 1,897,528; All. I G Farbenindustrie A G. Paint. Issued 2-14-33. (28)
- 1,897,687; All. Kubodera Hisakiehi. Valve. Issued 2-14-33. (39)
- 1,897,688; Ambronn Richard. Method of and apparatus for electric earth exploration. Issued 2-14-33. (28)
- 1,897,705; All. Chemische Werke Vorm H & E Albert. Method of producing or regenerating alkali carbonates from alkaline phosphate solutions. Issued 2-14-33. (28)
- 1,897,722; Dahmen Karl. Sound recording and reproducing means. Issued 2-14-33. (28)
- 1,897,740; All. I G Farbenindustrie A G. Purification of aluminum sulphate solutions. Issued 2-14-33. (28)
- 1,897,770; Severin Jose. Apparatus for rolling seamless tubes. Issued 2-14-33. (28)
- 1,897,819; Pawlikowski Rudolf. Internal combustion engine for liquid and solid fuels. Issued 2-14-33. (28)
- 1,897,824; Scholz William. Rudder for ships. Issued 2-14-33. (28)
- 1,897,828; All. Bekk Dr & Kaulen Chemische. Process for photochemical production of aluminum printing forms. Issued 2-14-33. (28)
- 1,897,861; Quay Marion Pryde. Casing for key bows. Issued 2-14-33. (38)
- 1,897,863; All. Rheinische Metallwaren. Contact device for transferring electrical energy into projectile igniters. Issued 2-14-33. (28)
- 1,897,875; Werner John. Process for transferring prints on to surfaces. Issued 2-14-33. (28)
- 1,897,877; Zotos Georg. Distillation retort. Issued 2-14-33. (28)
- 1,897,885; Borockl Georg. Universal hoeing and cultivating machine. Issued 2-14-33. (6)
- 1,897,932; All. Astrawerke AG. Adding and calculating machine. Issued 2-14-33. (28)
- 1,898,047; All. Versuchs und lehranstalt fur Beer manufacture. Issued 2-21-33. (28)
- 1,898,142; Pongiluppi Mario. Resilient wheel. Issued 2-21-33. (38)
- 1,898,199; Mannich Carl Ulrich Franz. Crystallized digitalis glucoside and method of producing the same. Issued 2-21-33. (28)
- 1,898,232; Widmann Wilhelm. Backpiece for films cameras. Issued 2-21-33. (28)
- 1,898,236; Blank Ernst. Sterile packing for dressings. Issued 2-21-33. (28)
- 1,898,239; Braun, Karl. Device for cleaning pipe bowls. Issued 2-21-33. (6)
- 1,898,267; Schaefer Josef. Utilization of the perceptible heat of finished coke. Issued 2-21-33. (28)
- 1,898,317; Schlenk Rudolf. Refrigerator. Issued 2-21-33. (6)
- 1,898,398; Sabatini Washington. Machine for the calculation of reenforced concrete. Issued 2-21-33. (38)
- 1,898,413; Wenzel Max. Winding band to be wound on rolls used in the paper making and allied trades. Issued 2-21-33. (28)
- 1,898,418; Zwilling Ludwig. Electric gas lighter. Issued 2-21-33. (28)
- 1,898,429; Domenego Moriz. Bookmark. Issued 2-21-33. (6)
- 1,898,461; All. I G Farbenindustrie A G. Process of separating primary from secondary aliphatic amines. Issued 2-21-33. (28)
- 1,898,502; All. I G Farbenindustrie A G. Artificial thread. Issued 2-21-33. (28)
- 1,898,506; All. I G Farbenindustrie A G. Process for producing double compounds of aluminum fluoride alkali fluoride. Issued 2-21-33. (28)
- 1,898,528; Rihosek Johann; Engels Robert et al. Apparatus for varying the leverage of the link and lever gearing of vehicles brakes. Issued 2-21-33. (6)
- 1,898,544; Kappler Felix. Device for manufacturing cardboard strip matches in book form. Issued 2-21-33. (28)
- 1,898,564; All. I G Farbenindustrie A G. Hydraulic brake fluid. Issued 2-21-33. (28)
- 1,898,595; All. Glanzstoff Courtaulds GmbH. Apparatus for treating spun cakes of artificial silk or the like. Issued 2-21-33. (28)
- 1,898,691; Schafer Gustav. Electric switch. Issued 2-21-33. (28)
- 1,898,731; All. I G Farbenindustrie A G. Manufacture of models of jaws. Issued 2-21-33. (28)
- 1,898,732; Krohne Gustav. Milling cutter. Issued 2-21-33. (28)
- 1,898,767; All. Vereinigte Stahlwerke A G. Welded lock joint for sheet piling. Issued 2-21-33. (28)
- 1,898,777; Kappler Paul. Carriage shift typewriter. Issued 2-21-33. (28)
- 1,898,779; All. Vereinigte Stahlwerke A G. Method of rolling tubes with internally thickened ends. Issued 2-21-33. (28)
- 1,898,794; Spiess Georg. Cross folding machine. Issued 2-21-33. (28)
- 1,898,811; All. Uteg Metallwaren GmbH Hermann. Apparatus for supplying fuel to floatless carburetors. Issued 2-21-33. (28)
- 1,898,831; All. Lorenz A G C. Arrangement for indicating the position of vessels. Issued 2-21-33. (28)
- 1,898,850; Papo Armando et al; Gentilini Augusto. Moving picture machine. Issued 2-21-33. (38)
- 1,898,881; Magnani Alessandro. Manufacture of tubes from fibrous pulps. Issued 2-21-33. (38)
- 1,898,903; Schroder Richard. Hydrometer. Issued 2-21-33. (28)
- 1,898,917; All. Vereinigte Silberhammerwerke Hetznt. Process of welding aluminum or alloy thereof to other metals. Issued 2-21-33. (28)
- 1,898,931; All. Koch & Sterzel A G. High tension transformer. Issued 2-21-33. (28)
- 1,898,944; All. Koch & Sterzel A G. High tension transformer. Issued 2-21-33. (28)
- 1,898,957; All. Schubert & Salzer Maschinenfabrik. Stocking and method of knitting same on flat knitting machines. Issued 2-21-33. (28)
- 1,898,965; All. Teeverwertung GmbH. Process for hydrogenating organic substances. Issued 2-21-33. (28)
- 1,898,968; Spliker Adolf. Hydrogenation of hydrocarbons. Issued 2-21-33. (28)
- 1,898,971; All. I G Farbenindustrie A G. Production of fertilizer salts. Issued 2-21-33. (28)
- 1,898,976; All. Riebeck Sche Montanerke A G. Extraction of montan wax. Issued 2-21-33. (28)
- 1,898,060; Schmidt Leopold. Device for rotating and at the same time lifting the gondolas of roundabouts. Issued 2-28-33. (28)
- 1,899,073; Arnold Carl. Siren toy with spark producing device. Issued 2-28-33. (28)
- 1,899,102; Michael Hugo. Hair clipper. Issued 2-28-33. (28)
- 1,899,114; Schmidt Edmund. Machine for manufacturing dry cells. Issued 2-28-33. (28)
- 1,899,123; Uebler Bruno. Recovery of chlorine from gas mixtures. Issued 2-28-33. (28)
- 1,899,124; All. Schiess Defries A G. Boring and turning machine. Issued 2-28-33. (28)
- 1,899,225; All. Vereinigte Stahlwerke A G. Apparatus for rolling sheet metal. Issued 2-28-33. (28)
- 1,899,236; Foerster Ernst. Time recording device. Issued 2-28-33. (28)
- 1,899,259; Wendlandt Rudolf; Caro Nikodem, et al; Frank Albert Rudolph; Fischer Thomas. Process of refrigeration. Issued 2-28-33. (28)
- 1,899,397; All. Stettiner Chamotte Fabrik A G. Method of drying granular or powdered material by means of a fluid. Issued 2-28-33. (28)
- 1,899,434; Drexl Martin. Propeller arrangement. Issued 2-28-33. (28)
- 1,899,455; All. Krupp Fried A G. Total taking mechanism. Issued 2-28-33. (28)
- 1,899,464; Hufschmidt Carl. Powdered fuel furnace. Issued 2-28-33. (28)
- 1,899,465; Kamps Otto. Aluminum alloy. Issued 2-28-33. (28)
- 1,899,490; All. Zahnradfabrik Friedrichshafen A G. Mechanism for driving propellers. Issued 2-28-33. (28)
- 1,899,512; Lewinson Adolf. Process for making alcohol weak beverages. Issued 2-28-33. (28)
- 1,899,513; Loewe Bernard. Reeling off silk cocoons. Issued 2-28-33. (38)
- 1,899,607; Buchner Max. Process of producing salts of drofluosilicic acid. Issued 2-28-33. (28)
- 1,899,816; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 2-28-33. (28)
- 1,899,870; Kellner Alexis. Collapsible hood for vehicles. Issued 2-28-33. (28)
- 1,899,934; All. Leitz Ernst Optische Werke GmbH. Ultralight intensive objective. Issued 3-7-33. (28)
- 1,899,972; All. Byk Guldenwerke Chemische Fabrik A G. Process for toning silver pictures. Issued 3-7-33. (28)
- 1,899,999; Ballentine Walter; Mielke Genannt; Uhlich Erich et al. Sun and planet wheel gear. Issued 3-7-33. (28)
- 1,900,037; All. Barmer Maschinenfabrik A G. Device for equalizing the thread tensions for twisting devices. Issued 3-7-33. (28)
- 1,900,046; Denzer Ludwig. Type pad for typewriters. Issued 3-7-33. (28)
- 1,900,060; Heuer Josef. Traffic signal apparatus. Issued 3-7-33. (28)
- 1,900,067; Messerschmitt Willy. Spar for airplanes. Issued 3-7-33. (28)
- 1,900,117; Loria Francesco. Sundial. Issued 3-7-33. (38)
- 1,900,165; All. Fabrica Italiana Magneti Marelli 2 A. Power transmission mechanism. Issued 3-7-33. (38)
- 1,900,179; Geist Joseph. Grab. Issued 3-7-33. (28)
- 1,900,206; Silberstein Isidor. Electric resistance. Issued 3-7-33. (28)
- 1,900,282; All. Bergische Stahl Industrie. Mechanical brake for railway motor cars. Issued 3-7-33. (28)
- 1,900,291; Kuhner Otto. Sheet metal drawing press. Issued 3-7-33. (28)

- 1,900,367; All. Hannoversche Maschinenbau A G. Means for starting internal combustion engines. Issued 3-7-33. (28)  
 1,900,502; Junkers Hugo. Aircraft. Issued 3-7-33. (28)

## EXHIBIT A—VOLUME 3

Patents identified as follows, giving the number of the patent, the grantee's name, in some cases in abbreviated form, the title of the invention, the date of issue, and a code number<sup>1</sup> representing the nationality of the grantee, such code numbers having the following meanings:

- 6 Austria
- 28 Germany
- 34 Hungary
- 38 Italy
- 39 Japan
- 57 Rumania
- 11 Bulgaria

- 1,900,599; Elod Egon. Process for the production of cellulose formates. Issued 3-7-33. (28)  
 1,900,600; All. Soc Italiana Pirelli. High tension electric cable. Issued 3-7-33. (38)  
 1,900,606; Kipper Ewald. Medicine package. Issued 3-7-33. (28)  
 1,900,607; Dremmling Aribert. Machine for feeding plastic material such as dough through dies or like apertures. Issued 3-7-33. (28)  
 1,900,616; Pouchain Adolfo. Electric accumulator. Issued 3-7-33. (38)  
 1,900,620; Stauber Georg. Rotary mechanical apparatus. Issued 3-7-33. (28)  
 1,900,624; Voortmann Walter. Safety device for blasting charges employed in mining and similar work. Issued 3-7-33. (28)  
 1,900,630; Wesnigk Erwin; Zagorski Johann et al. Rolling mill. Issued 3-7-33. (28)  
 1,900,635; All. Soc Ital Transfers Albini S I T A. Process for printing transfers. Issued 3-7-33. (38)  
 1,900,663; All. Radiochemisches Forschungs. Manufacture of caoutchouc lacquers or varnishes. Issued 3-7-33. (28)  
 1,900,690; Benzing Hugo. Power driven typewriter. Issued 3-7-33. (28)  
 1,900,728; All. Chemische Fabrik Kalk GmbH. Vulcanized rubber composition and process of vulcanizing rubber. Issued 3-7-33. (28)  
 1,900,743; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 3-7-33. (28)  
 1,900,744; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 3-7-33. (28)  
 1,900,766; All. Ruthsaccumulator A B. Steam power plant. Issued 3-7-33. (28)  
 1,900,773; All. Automobilwerke H Bussing A G. Motor vehicle. Issued 3-7-33. (28)  
 1,900,808; All. Brunsviga Maschinenwerke Grimme. Carrying mechanism for calculating machines and the like. Issued 3-7-33. (28)  
 1,900,818; Jager Franz. Repeating firearm with bolt action and case magazine. Issued 3-7-33. (28)  
 1,900,823; All. Bohme Dr. Martin Firm. Differential pressure gauge for measuring flow of fluids in conduits. Issued 3-7-33. (28)  
 1,900,929; Haag Leonhard. Electric switch. Issued 3-14-33. (28)  
 1,900,973; All. Bohme H Th A G. Phosphoric acid esters. Issued 3-14-33. (28)  
 1,900,977; All. Voigt & Haeffner A G. Contact device. Issued 3-14-33. (28)  
 1,900,986; All. Maschinenfabrik Johannsberg GmbH. Device for the clamping of flexible printing blocks or stereotypes on the form cylinder of copperplate or intaglio printing machines. Issued 3-14-33. (28)  
 1,900,994; All. Sachtleben A G Fur Bergbau und. Purifying of natural heavy spar. Issued 3-14-33. (28)  
 1,901,003; All. Schmid Karl. Process of washing nitroglycerine and similar esters. Issued 3-14-33. (28)  
 1,901,004; Seibt Georg. Electric glow discharge tube. Issued 3-14-33. (28)  
 1,901,254; Messer Adolf. Cutting mechanism. Issued 3-14-33. (28)  
 1,901,264; Schlotterhose Conrad. Method of producing animal food. Issued 3-14-33. (28)  
 1,901,274; All. Garda Enrico. Controlling means for electric lighting installation of railway cars. Issued 3-14-33. (38)  
 1,901,374; All. I G Farbenindustrie A G. Production of masses resembling linoxyn. Issued 3-14-33. (28)  
 1,901,407; Osborg Hans. Electrolytic process for producing alloys of lithium. Issued 3-14-33. (28)  
 1,901,416; Schroeder Max. Production of gaseous mixtures containing sulphur dioxide. Issued 3-14-33. (28)  
 1,901,419; Steinert Marie Helene. Tooth cleaner. Issued 3-14-33. (28)  
 1,901,467; Otto Carl. Vacuum cleaning apparatus. Issued 3-14-33. (28)  
 1,901,506; All. I G Farbenindustrie A G. Wetting agent. Issued 3-14-33. (28)  
 1,901,507; All. I G Farbenindustrie A G. Mixtures of sulphonated alkylated non-dyeing aromatic carbocyclic compoueus and their salts. Issued 3-14-33. (28)  
 1,901,651; All. Muelhens Paul Peter. Non-refillable container for powder. Issued 3-14-33. (28)  
 1,901,693; All. Siemens & Halske A G. Air cooled cylinder. Issued 3-14-33. (28)  
 1,901,709; Erren Rudolf. Method for driving internal combustion engines. Issued 3-14-33. (28)  
 1,901,720; Barwinkel Moritz. Uphoistering spring. Issued 3-14-33. (28)  
 1,901,745; All. Schubert & Salzer Maschinenfabrik. Row counter for flat knitting machines. Issued 3-14-33. (28)  
 1,901,757; All. Lieberknecht Karl Richard GmbH. Process for making full fashioned stockings. Issued 3-14-33. (28)  
 1,901,770; All. Still Carl Firm. Gas fired furnace. Issued 3-14-33. (28)  
 1,901,774; All. Pulsgetriebe GmbH. Brake band apparatus. Issued 3-14-33. (28)  
 1,901,790; Wolfram Gerhard. Portable work bench. Issued 3-14-33. (28)  
 1,901,817; Neidl Georg. Compressor. Issued 3-14-33. (28)  
 1,901,946; Buck Walter. Tree planer for cutting or working out resin passages. Issued 3-21-33. (28)  
 1,901,953; Ferrario Achille. Propeller with automatic regulation. Issued 3-21-33. (38)  
 1,902,102; All. I G Farbenindustrie A G. Manufacture of viscose. Issued 3-21-33. (28)  
 1,902,113; Zahoransky Anton. Brush making machine. Issued 3-21-33. (28)  
 1,902,280; All. I G Farbenindustrie A G. Process of making mixed cellulose esters and cellulose ether esters. Issued 3-21-33. (28)  
 1,902,286; All. Brehmer Gebruder. Method of and mechanism for extracting interconnecting threads between stitched books. Issued 3-21-33. (28)  
 1,902,293; Ritzfeld Wilhelm. Manifolding machine. Issued 3-21-33. (28)  
 1,902,323; All. Fabrica Italiana Magneti. Chamber of variable volume. Issued 3-21-33. (38)  
 1,902,337; All. I G Farbenindustrie A G. Manufacture of films lacquers and the like. Issued 3-21-33. (28)  
 1,902,356; All. Fabrica Italiana Magneti Marelli. System for transmitting movement. Issued 3-21-33. (38)  
 1,902,358; Faigle Friedrich et al; Faigle Carl C. Apparatus for the multiple or multi-color dyeing of hanks of yarn. Issued 3-21-33. (6)  
 1,902,364; All. I G Farbenindustrie A G. Method of preparing fatty acid esters of borneol and isoborneol. Issued 3-21-33. (28)  
 1,902,374; All. Fiat Soc A. Reducing gear. Issued 3-21-33. (38)  
 1,902,377; All. Rosenberg Walter. Flash light. Issued 3-21-33. (28)  
 1,902,400; All. Kohlentechnik Mbh. Process of producing guanidinethiocyanate. Issued 3-21-33. (28)  
 1,902,429; All. Gessner Ernst A G. Moistening cloth. Issued 3-21-33. (28)  
 1,902,513; All. G e w e r k s c h a f t Wallram. Method of making and hardening steel tools provided with hard metal members. Issued 3-21-33. (28)  
 1,902,539; Brauer Carl Friedrich. Stencil. Issued 3-21-33. (28)  
 1,902,554; Grob Hugo. Voltage regulating apparatus. Issued 3-21-33. (28)  
 1,902,659; All. Zellstofffabrik Firma Waldhof. Apparatus for the continuous control of the properties of solid bodies dispersed in a liquid. Issued 3-21-33. (28)  
 1,902,684; Asser Erich. Method of treating drying oils. Issued 3-21-33. (28)  
 1,902,728; Schmidt Paul. Conveying liquids at high pressure by means of ejectors. Issued 3-21-33. (28)  
 1,902,729; Schmidt Paul. Multistage liquid driven ejector for delivering liquids. Issued 3-21-33. (28)  
 1,902,748; Ziehl Gustav Hermann. Drawer guide. Issued 3-21-33. (28)  
 1,902,752; Baumgartel Carl. Straight bar knitting machine. Issued 3-21-33. (28)  
 1,902,756; Binz Arthur et al; Rath Curt. Heterocyclic arseno compounds and process of purifying same. Issued 3-21-33. (28)  
 1,902,774; Haupt Hans. Telescopic umbrella. Issued 3-21-33. (28)  
 1,902,782; Kovacs Theodor. Writing drawing or ruling pen. Issued 3-21-33. (28)  
 1,902,783; Kruckenberget al; Stedefeld Curt. Side wind protection for railway systems. Issued 3-21-33. (28)  
 1,902,819; Arato Achille. Brake control for vehicle wheels. Issued 3-28-33. (38)  
 1,902,834; Cohen Venezian Carlo. Tail supporting truck for aeroplanes. Issued 3-28-33. (38)  
 1,902,840; Deutsch Leonhard. Coupling device for keyboards. Issued 3-28-33. (6)  
 1,902,864; All. Brehmer Gebruder. Method of and mechanism for extracting interconnecting threads between stitched books. Issued 3-28-33. (28)  
 1,902,873; Marone Alfredo. Chain conveying apparatus. Issued 3-28-33. (38)  
 1,902,907; All. Reinhold Kupfer. Episcopic projector. Issued 3-28-33. (28)  
 1,902,914; All. Wagner Gunther. Duplicating stencil. Issued 3-28-33. (28)  
 1,902,916; All. Strecker Firm Dr. Otto C. Process for decomposing plant fiber material by cooking with phenolates. Issued 3-28-33. (28)  
 1,902,922; Viviani Ettore. Apparatus for dry spinning artificial fibers with recovery of the volatile solvents. Issued 3-28-33. (38)  
 1,902,954; All. Deutsche Telephonwerke Und. Small variable potential electric motor. Issued 3-28-33. (28)  
 1,902,964; All. Lorenz C A G. Supervisory device for telegraph apparatus. Issued 3-28-33. (28)  
 1,903,038; All. Yamamoto Eijiro. Felt rubber roller. Issued 3-28-33. (39)

<sup>1</sup>The code numbers throughout this Exhibit A, Volume III appear in parentheses.



- 1,903,049; John Ferdinand. Rotary key clutch. Issued 3-28-33. (28)
- 1,903,053; Kuba Franz. Screw gear. Issued 3-28-33. (6)
- 1,903,073; Throssell Carl Theodor. Process for the production of soda and potassium hydroxide. Issued 3-28-33. (28)
- 1,903,076; Winkler Kurt. Wood plate. Issued 3-28-33. (28)
- 1,903,179; All. Astrawerke A G. Calculating machine. Issued 3-28-33. (28)
- 1,903,184; All. Brehmer Gebruder. Method of and mechanism for mechanically extracting the interconnecting threads between stitched books. Issued 3-28-33. (28)
- 1,903,192; Ozleberger Rudolf. Alloy of nickel silver tin and copper. Issued 3-28-33. (6)
- 1,903,245; Ruska Max Otto. Manufacture of blanks and similar articles with jumped heads. Issued 3-28-33. (28)
- 1,903,249; Stroher Karl Georg. Hair clamp for permanent hair waving. Issued 3-28-33. (28)
- 1,903,303; Tiling Reinhold. Flying rocket. Issued 4-4-33. (28)
- 1,903,323; Brodl Jakob. Insole. Issued 4-4-33. (28)
- 1,903,421; Bernhardt Otto et al; Vormann Ernst. Top member for fastening illuminating bodies to ceilings. Issued 4-11-33. (28)
- 1,903,708; All. Bensa Felice. Process for manufacturing vat dyestuffs of the perylene series. Issued 4-11-33. (38)
- 1,903,710; All. Gyrorector GmbH Gyroscopically stabilized pendulum. Issued 4-11-33. (28)
- 1,903,719; All. Climax Motorenwerke Und. Multicylinder internal combustion engine. Issued 4-11-33. (6)
- 1,903,724; Robin Wilhelm. Multihigh rolling mechanism. Issued 4-11-33. (28)
- 1,903,751; Bader Kaspar. Device for feeding the casting pots of linotype and similar machines working with soft metals. Issued 4-18-33. (28)
- 1,903,799; Wagenbach Anton. Bending machine. Issued 4-18-33. (28)
- 1,903,838; Ringer Ferdinand. Ignitable stick. Issued 4-18-33. (6)
- 1,903,860; All. I G Farbenindustrie A G. Preparation of metallic coatings. Issued 4-18-33. (28)
- 1,903,869; Meister Franz et al; Maul Johann. Pillar or post standing in the street traffic. Issued 4-18-33. (28)
- 1,903,898; Kranzlein Georg et al; Samesreuther Richard. Heat exchange device. Issued 4-18-33. (28)
- 1,903,920; Hunte Alfred Theodor Dec et al. Automatic machine for the manufacture of soap bars. Issued 4-18-33. (28)
- 1,904,003; Kohl Julius. Process and plant for extracting glue from glue containing material. Issued 4-18-33. (28)
- 1,904,116; All. Felten and Guilleaume Carlswerk A & X. Steel aluminum cable. Issued 4-18-33. (28)
- 1,904,117; Becker Gabriel. Starting device for internal combustion engines. Issued 4-18-33. (28)
- 1,904,119; All. Siemens Schuckertwerke A G. Support for electrodes in vacuum vessels. Issued 4-18-33. (28)
- 1,904,131; All. Hesser F R Maschinenfabrik A G. Combined machine for making filling closing bags. Issued 4-18-33. (28)
- 1,904,148; All. I G Farbenindustrie A G. Process for accelerating the retting of flax. Issued 4-18-33. (28)
- 1,904,172; Rostin Heliodor. Process for treating low boiling hydrocarbons. Issued 4-18-33. (28)
- 1,904,180; Wagner Richard P. Connecting rod connection. Issued 4-18-33. (28)
- 1,904,181; Wagner Richard P. Booster. Issued 4-18-33. (28)
- 1,904,205; Del Riccio Eduardo Ricci. Electric heating and cooking appliance. Issued 4-18-33. (28)
- 1,904,211; Vollmer Hermann; Elsner Hans et al. Procedure in the production of a perfume or cosmetic. Issued 4-18-33. (28)
- 1,904,235; All. Zellstofffabrik Waldhof. Method of improving cellulose raw material of all kinds. Issued 4-18-33. (28)
- 1,904,241; Kammerer Erwin. Compound metal stock. Issued 4-18-33. (28)
- 1,904,243; Landecker Max. Molding powder and method of molding. Issued 4-18-33. (28)
- 1,904,244; Landecker Max. Plastic mass and process for making same. Issued 4-18-33. (28)
- 1,904,282; Ern Robert. Polishing apparatus specially for knives forks and spoons. Issued 4-18-33. (28)
- 1,904,392; Stintzing Hugo et al; Huber Eugen. Joint for members provided in a wall separating spaces of different pressures. Issued 4-18-33. (28)
- 1,904,430; All. Zanzi Ditta Giovanni. Method making valves for explosion engines. Issued 4-18-33. (38)
- 1,904,467; Karnath Kurt. Valve. Issued 4-18-33. (28)
- 1,904,516; Otto Carl. Regenerative coke oven. Issued 4-18-33. (28)
- 1,904,528; All. I G Farbenindustrie A G. Lacquers films artificial masses and the like. Issued 4-18-33. (28)
- 1,904,529; All. I G Farbenindustrie A G. Manufacture of artificial masses. Issued 4-18-33. (28)
- 1,904,548; All. I G Farbenindustrie A G. Revolving tube furnace. Issued 4-18-33. (28)
- 1,904,596; All. Vereinigte Stahlwerke A G. Arch particularly for use in metallurgical furnaces. Issued 4-18-33. (28)
- 1,904,616; All. Bek Ernst Gideon. Method of soldering. Issued 4-18-33. (28)
- 1,904,660; Jahn Albert. Fountain pen. Issued 4-18-33. (28)
- 1,904,661; Lowenstein Walter H. Device for drying razor blades. Issued 4-18-33. (28)
- 1,904,666; Sack Hans. Apparatus for laying drain pipes or cables. Issued 4-18-33. (28)
- 1,904,695; All. Leitz Ernst Optische Werke. Epidiascope. Issued 4-18-33. (28)
- 1,904,714; Benz Johannes. Butter and like molding device. Issued 4-18-33. (28)
- 1,904,734; Schlaa Friedrich I M. Machine for rolling rings. Issued 4-18-33. (28)
- 1,904,787; Hitzler Josef et al; Merz Friedrich Carl Julius. Device for shrinking leather. Issued 4-18-33. (28)
- 1,904,791; All. Fettsaure und Glycerin Fabrik. Process for making sulphonated products. Issued 4-18-33. (28)
- 1,904,829; All. Fabrik Explosionsicherer Gefasse. Liquid delivery and measuring device. Issued 4-18-33. (28)
- 1,904,830; Kaffer Hans. Process for the production of motor driving spirits. Issued 4-18-33. (28)
- 1,904,831; Keup Albert. Apparatus for casting hollow bodies in chill molds rotatable about vertical axes. Issued 4-18-33. (28)
- 1,905,065; All. Zimmermann & Jansen GmbH. Valve actuating means for air heaters. Issued 4-25-33. (28)
- 1,905,198; Wendtland Heinz. Water lock for acetylene generators. Issued 4-25-33. (28)
- 1,905,358; Zimmermann Gustav. Lowering device in molding machines. Issued 4-25-33. (28)
- 1,905,390; Lindner Herbert. Device for shaping and truing grinding rolls. Issued 4-25-33. (28)
- 1,905,418; Meves Robert Hermann. Letter file. Issued 4-25-33. (28)
- 1,905,424; Schlieper Rudolf. Hydraulic driven washing apparatus. Issued 4-25-33. (28)
- 1,905,426; All. Chemnitzer Strickmaschinen Fabrik. Winding frame. Issued 4-25-33. (28)
- 1,905,432; All. Rohm & Haas A G. Manufacture of hydrogen chloride or hydrogen bromide or their corresponding acid solutions. Issued 4-25-33. (28)
- 1,905,466; All. I G Farbenindustrie A G. Process of preparing acetic anhydride. Issued 4-25-33. (28)
- 1,905,530; Ungerer Fritz. Adjusting device for plate straightening machines. Issued 4-25-33. (28)
- 1,905,564; Kliem Max. Newspaper stand. Issued 4-25-33. (28)
- 1,905,593; Korl Willi. Codling machine. Issued 4-25-33. (28)
- 1,905,963; Fliether Walter. Leaf turner. Issued 4-25-33. (28)
- 1,906,012; All. Borsig A GmbH. Regulator for multistage compressor systems. Issued 4-25-33. (28)
- 1,906,015; Schwarzkopf Otto. After treatment of artificial silk. Issued 4-25-33. (6)
- 1,906,026; All. Riel Richard F A. Tilting device for sliding windows. Issued 4-25-33. (28)
- 1,906,050; Desenberg Josef. Machine for grinding and polishing optical lenses spectacle glasses and the like. Issued 4-25-33. (28)
- 1,906,107; All. Sack Rud. Agricultural implement. Issued 4-25-33. (28)
- 1,906,139; Weichert Max; Denstadt Friedrich; Denstadt Hermann. Machine for setting rows of plants deeper. Issued 4-25-33. (28)
- 1,906,160; Kremmling Aribert. Apparatus for forming molded or embossed articles of plastic material. Issued 4-25-33. (28)
- 1,906,199; Rado Leopold. Metal film. Issued 4-25-33. (28)
- 1,906,200; Reuter Baptist. 4 brom diethylacetyl amino 1 phenyl 2 3 dimethyl 5 pyrazolone and the process of preparing the same. Issued 4-25-33. (28)
- 1,906,211; Junker Otto. Tensioning device for maintaining a given catenary curve in metal strips continuously pulled through an annealing furnace. Issued 4-25-33. (28)
- 1,906,455; Fahrlander ersin. Salt bath for annealing metal articles. Issued 5-2-33. (28)
- 1,906,459; All. Goldrei S B Firm. Egg testing apparatus. Issued 5-2-33. (28)
- 1,906,493; Staats Franz. Tilttable fountain bottle. Issued 5-2-33. (28)
- 1,906,509; All. Photogrammetrie GmbH. Correction for distortion the component pictures produced from different photographic registering devices. Issued 5-2-33. (28)
- 1,906,609; All. Esslen Eugen. Meat chopper. Issued 5-2-33. (28)
- 1,906,671; Thunert Felix. Cellulose wool and paper product. Issued 5-2-33. (28)
- 1,906,779; Von Kalmann Robert. Lubricating pump. Issued 5-2-33. (28)
- 1,906,785; Bandini Franco. Brick making process in which quick drying and burning are combined and in a single operation. Issued 5-2-33. (38)
- 1,906,789; All. Terni Societa per L Industria E. Cooling device for the heads of furnaces. Issued 5-2-33. (38)
- 1,906,798; Lerner Friedrich. Machine for the manufacturing of mouthpiece plugs and for their insertion in cigarettes tubes. Issued 5-2-33. (6)
- 1,906,803; Mueller Carl. Means for controlling radiations. Issued 5-2-33. (28)
- 1,906,805; All. Krupp Fried A G. Cash register. Issued 5-2-33. (28)
- 1,906,806; Plesch Johann. Oscillograph. Issued 5-2-33. (28)
- 1,906,818; Seufert Friedrich. Cinematographic apparatus. Issued 5-2-33. (28)

- 1,906,850; Gminder Emil. Apparatus for treating fibrous material. Issued 5-2-33. (28)
- 1,906,881; Olas Ludwig. Saw sharpening tool. Issued 5-2-33. (6)
- 1,906,917; All. I G Farbenindustrie A G. Process of separation of mixtures of the rare gases. Issued 5-2-33. (28)
- 1,906,924; All. Bohme H Th A G. Production of aliphatic sulphonic acid compounds. Issued 5-2-33. (28)
- 1,906,946; Bornemann Johann Heinrich. Braiding machine and the like. Issued 5-2-33. (28)
- 1,907,232; All. Aronwerke Elektrizitats A G. Station indicator for radio receivers. Issued 5-2-33. (28)
- 1,907,260; Marone Alfredo. Device for filling containers with liquids. Issued 5-2-33. (38)
- 1,907,277; All. Bamag Megnin A G. Waterless gas holder. Issued 5-2-33. (28)
- 1,907,311; Gutmann Hermann; Well Valentin et al. Wire drawing machine. Issued 5-2-33. (28)
- 1,907,368; All. Rockstroh Werke A G. Plate cylinder for offset printing machines. Issued 5-2-33. (28)
- 1,907,370; Schoeller Wilhelm. Vacuum cleaner. Issued 5-2-33. (28)
- 1,907,397; Kosik Adalbert. Pipe joint. Issued 5-2-33. (28)
- 1,907,398; Schmidt Alexander. Ironing and steaming device. Issued 5-2-33. (28)
- 1,907,437; Nopper Max. Motion picture camera. Issued 5-9-33. (28)
- 1,907,479; Bendix George. Feeding chain for woodworking machines. Issued 5-9-33. (28)
- 1,907,523; Zottan L Egressi et al; Huszar Laszlo. X ray apparatus. Issued 5-9-33. (34)
- 1,907,539; Hartmann Reinhold. Machine for labeling and wrapping circular and angular articles. Issued 5-9-33. (28)
- 1,907,549; Kahrs Johannes. Method of measuring speed photographically. Issued 5-9-33. (28)
- 1,907,551; Kraft Anton. Twisting machine especially for wire rope making. Issued 5-9-33. (28)
- 1,907,619; All. Zahnradfabrik A G. Claw coupling. Issued 5-9-33. (28)
- 1,907,640; All. Siemens Reiniger Veifa Ges Fur. X ray apparatus. Issued 5-9-33. (28)
- 1,907,645; Glaser Amandus. Frame for bicycles or motorcycles. Issued 5-9-33. (28)
- 1,907,882; All. I G Farbenindustrie A G. Production of acetone from acetylene. Issued 5-9-33. (28)
- 1,907,972; Jander Hans. Clutch operating means. Issued 5-9-33. (28)
- 1,908,028; All. Kampnagel Eisenwerk Vorm Nagel &. Jib crane. Issued 5-9-33. (28)
- 1,908,051; Reichl Heinrich. Massage implement. Issued 5-9-33. (28)
- 1,908,085; Ydvary Franz et al; Koller Karl. Grain planting and sorting machine. Issued 5-9-33. (34)
- 1,908,114; Cante Cornelius. Electrical heater for circulating water. Issued 5-9-33. (28)
- 1,908,161; All. Gewerkshaft Wallram. Coal cutting chisel with hard metal cutting edge. Issued 5-9-33. (28)
- 1,908,246; Hohner Ernst. Bass mechanism for accordions. Issued 5-9-33. (28)
- 1,908,247; Hohner Ernst. Piano keyboard accordion. Issued 5-9-33. (28)
- 1,908,321; Conradt Ottmar. Arc lamp. Issued 5-9-33. (28)
- 1,908,470; Beuttner Hans. Holder for glass plates especially for decoration purposes. Issued 5-9-33. (28)
- 1,909,478; Eisele Felix. Machine tool. Issued 5-9-33. (28)
- 1,908,515; Keller Konrad. Treating thio-cyanate solutions. Issued 5-9-33. (28)
- 1,908,516; Klempt Walter. Process of manufacturing ferricyanides. Issued 5-9-33. (28)
- 1,908,559; Roser Edmund. Radiator. Issued 5-9-33. (28)
- 1,908,646; All. Edeleanu GmbH. Treatment of mineral oils with liquid sulphur dioxide. Issued 5-9-33. (28)
- 1,908,714; Schneider Anton. Floating isle floating bridge floating dock and similar construction. Issued 5-16-33. (28)
- 1,908,725; All. Rompler Julius A G. Elastic fabric. Issued 5-16-33. (28)
- 1,908,729; All. Humboldt Deutzmotoren A G. Internal combustion locomotive. Issued 5-16-33. (28)
- 1,908,711; All. Universelle cigarettenmaschinen. Automatically operating discharge device for cigarette machines. Issued 5-16-33. (28)
- 1,908,774; Maier Gustav. Device for producing imitation gems. Issued 5-16-33. (28)
- 1,908,777; All. Vereinigte Stahlwerke A G. Chuck. Issued 5-16-33. (28)
- 1,908,886; Brandt Richard. Apparatus for oxidizing potassium ferrocyanide to potassium ferricyanide. Issued 5-16-33. (28)
- 1,908,902; Knoll Willy. Upholstery for all kinds of furniture. Issued 5-16-33. (28)
- 1,908,915; Nardi Valentino. Spoon knife and fork polishing machine. Issued 5-16-33. (38)
- 1,908,916; All. I G Farbenindustrie A G. Tanning preparation. Issued 5-16-33. (28)
- 1,908,932; Tiburtius Carl. Storage tank with heater. Issued 5-16-33. (28)
- 1,908,945; All. Deutsche Hydrierwerke A G. Biochemical fermentation process. Issued 5-16-33. (28)
- 1,908,948; All. Telephon Apparat Fabrik E. Coin collector. Issued 5-16-33. (28)
- 1,908,978; All. I G Farbenindustrie A G. Production of noncaustic calcium cyanamide. Issued 5-16-33. (28)
- 1,908,992; Martin Josef. Stoking grate. Issued 5-16-33. (28)
- 1,909,015; Schubert Hermann. Centrifugal machine. Issued 5-16-33. (28)
- 1,909,056; Haubold Rudolf. Binding attachment for reaping machines. Issued 5-16-33. (28)
- 1,909,110; Krug Carl. Building up of machine tools specially grinding machines. Issued 5-16-33. (28)
- 1,909,118; Raab Leonhard. Diaphragm apparatus for X ray tubes. Issued 5-16-33. (28)
- 1,909,219; All. Immalin Werke Chemische Fabrik. Process of producing high percent caoutchouc solutions. Issued 5-16-33. (28)
- 1,909,235; All. I G Farbenindustrie A G. Cutting device. Issued 5-16-33. (28)
- 1,909,388; All. Tres Gyogyszer Vegyeseti Iparies. Production of tetra acyl glyco choly thuylamines. Issued 5-16-33. (34)
- 1,909,468; All. Kulmbacher Spinnerei. Double or multiple woven fabric for shirt collars and like purposes. Issued 5-16-33. (28)
- 1,909,586; All. Hartstoff Metall A G Hametag. Bronze colors polishing machine. Issued 5-16-33. (28)
- 1,909,731; Thorner Walther. Method of and apparatus for taking and projecting multiple images such as are used in color photography. Issued 5-16-33. (28)
- 1,909,829; All. I G Farbenindustrie A G. Production of fertilizer salts. Issued 5-16-33. (28)
- 1,909,845; Hafner Raoul; Nagler Bruno et al. Helicopter aircraft. Issued 5-16-33. (6)
- 1,909,923; Von Bertrab Hermann. Geodetic instrument. Issued 5-16-33. (28)
- 1,909,987; Goldt Authur Steinner. Device for grinding razor blades. Issued 5-23-33. (6)
- 1,910,001; Carughi Achille et al; Paoloni Carlo. Process for the manufacture of chloride of lime. Issued 5-23-33. (38)
- 1,910,027; All. I G Farbenindustrie A G. Bottom for reaction towers. Issued 5-23-33. (28)
- 1,910,047; All. Fabbrieche Formenti S A. Flexible blinds. Issued 5-23-33. (38)
- 1,910,101; Frischer Hermann. Apparatus for the treatment of acids and acid materials. Issued 5-23-33. (28)
- 1,910,104; Hartmann Gunther. Truck for conveying brick frames. Issued 5-23-33. (28)
- 1,910,169; Kaselitz Oscar. Recovery of magnesia from minerals. Issued 5-23-33. (28)
- 1,910,200; Buckling Hans Jakob. Sewing machine. Issued 5-23-33. (28)
- 1,910,201; Cordt Hugo. Calculating machine. Issued 5-23-33. (28)
- 1,910,214; Durr Karl. Automatic machine for producing spring ring casings. Issued 5-23-33. (28)
- 1,910,223; Leibbrandt Fritz. Copper arsenic compound of palmitic acid and process of preparing it. Issued 5-23-33. (28)
- 1,910,263; Seyffert Eduard. Rotary drying drum. Issued 5-23-33. (28)
- 1,910,317; Bohne Wilhelm. Compass. Issued 5-23-33. (28)
- 1,910,341; All. Edeleanu GmbH. Method of separating sulphur dioxide and the like from liquid hydrocarbons. Issued 5-23-33. (28)
- 1,910,459; All. Bohme H Th A G. Process for preparing sulphonic acids of the aliphatic series. Issued 5-23-33. (28)
- 1,910,474; Michalk Otto. Heating device for shoe sticking presbvs. Issued 5-23-33. (28)
- 1,910,486; Wagner Rudolf. Heat exchange apparatus. Issued 5-23-33. (28)
- 1,910,549; Junker Otto. Method for increasing the rate of heat absorption of bright surface materials to be annealed. Issued 5-23-33. (28)
- 1,910,565; Reifsgaard Anton Carl. Automobile heater and muffler. Issued 5-23-33. (28)
- 1,910,571; All. Mauser Werke A G. Calculating machine. Issued 5-23-33. (28)
- 1,910,574; Tessay Karl. Machine tool. Issued 5-23-33. (28)
- 1,910,602; All. Gaa Kommanditgesellschaft. Starched turn down collar. Issued 5-23-33. (28)
- 1,910,608; Junkers Hugo. Structural element. Issued 5-23-33. (28)
- 1,910,670; All. I G Farbenindustrie A G. Treatment of webs and sheets with fluids. Issued 5-23-33. (28)
- 1,910,675; Bruhn Bruno. Cement and process of producing the same. Issued 5-23-33. (28)
- 1,910,702; Leblus Franz. Illuminated display. Issued 5-23-33. (28)
- 1,910,716; All. Astrawerke A G. Totalizer selecting means. Issued 5-23-33. (28)
- 1,910,718; Strecker Otto Heinrich. Medium for cleaning and reducing the swelling of rubber guttapercha and articles made therefrom. Issued 5-23-33. (28)
- 1,910,735; All. Buttnerwerke A G. Burner for coal dust firing. Issued 5-23-33. (28)
- 1,910,759; Engels Bernhard. Drawing nozzle for the manufacture of flashed glass. Issued 5-23-33. (28)
- 1,910,773; Richter Richard. Show case. Issued 5-23-33. (28)
- 1,910,787; Bignami Giovanni. Apparatus for skinning animals. Issued 5-23-33. (38)
- 1,910,801; All. Oesterreichische Schmidtstahlwerke. High speed tool steel. Issued 5-23-33. (6)
- 1,910,814; All. Lorenz C A G. Neutralized tube transmitting apparatus. Issued 5-23-33. (28)
- 1,910,815; All. I G Farbenindustrie A G. Production of acetone. Issued 5-23-33. (28)



- 1,910,858; All. Maschinenfabrik Moenus A G. Sole pressing machine. Issued 5-23-33. (28)
- 1,910,879; All. Zellstofffabrikwaldhof. Production of artificial filaments from viscose solution. Issued 5-23-33. (28)
- 1,910,998; All. Santagostino Guido. Device for automatic mooring and depth taking under water of buoys mines and other apparatus. Issued 5-23-33. (38)
- 1,911,009; All. Gert & Co. Process for the acceleration of meat pickling processes. Issued 5-23-33. (6)
- 1,911,254; All. Rotophot A G fur Graphische. Process for the production of endless intaglio printing forms. Issued 5-30-33. (28)
- 1,911,300; Brauer Ernst Wasa. Feeding of vapor turbines. Issued 5-30-33. (28)
- 1,911,317; All. Schubert & Salzer Maschinenfabrik. Flat knitting machine. Issued 5-30-33. (28)
- 1,911,318; All. Schubert & Salzer Maschinenfabrik. Straight knitting machine. Issued 5-30-33. (28)
- 1,911,329; Stauffer Carl. Spindle fitted with roller or ball bearings. Issued 5-30-33. (28)
- 1,911,379; Marx Peter. Cupla furnace. Issued 5-30-33. (28)
- 1,911,504; Heinz Edwin. Heating device on coffee machines and similar boilers. Issued 5-30-33. (28)
- 1,911,523; All. Koch & T E Koch Firm. Card saving motion for jacquards. Issued 5-30-33. (28)
- 1,911,580; All. I G Farbenindustrie A G. Production of calcium nitrateurea double compound. Issued 5-30-33. (28)
- 1,911,589; All. I G Farbenindustrie A G. Synthesis of acetyl chloride. Issued 5-30-33. (28)
- 1,911,616; Gruber Ludwig. Closure for tubes. Issued 5-30-33. (28)
- 1,911,733; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 5-30-33. (28)
- 1,911,790; Blathy Otto Titus. Rotary field magnet. Issued 5-30-33. (34)
- 1,911,821; All. Hesser Fr Maschinenfabrik A G. Self locking device for adjusting apparatus in packing machines. Issued 5-30-33. (28)
- 1,911,825; Hofer Paul. Door insertion with name plate. Issued 5-30-33. (28)
- 1,911,827; Knaus Anton. Means for propelling ships. Issued 5-30-33. (6)
- 1,911,859; Frommer Rudolf V. Trigger and safety device for firearms. Issued 5-30-33. (34)
- 1,911,895; Hemscheidt Hermann. Loading machine for heaped material of every description. Issued 5-30-33. (28)
- 1,911,896; Hertzsch Paul. Drying and cleaning hides. Issued 5-30-33. (28)
- 1,911,900; Juhasz Bela. Arrangement for the transmission of pictures by electrical means. Issued 5-30-33. (34)
- 1,911,908; Lell Wilhelm. Method of manufacturing containers. Issued 5-30-33. (6)
- 1,911,909; Tubben Ludwig Maruhn Johannes et al. Hydrogenating apparatus. Issued 5-30-33. (28)
- 1,911,928; Bley Hellmuth; Seibt Georg et al. Electric glow discharge amplifying tube. Issued 5-30-33. (28)
- 1,911,930; Schultze Walter. Traveling cleaning device for the stretching mechanism or delivery mechanism of spinning or twisting machines. Issued 5-30-33. (28)
- 1,911,970; Richter Alwin. Spray producer. Issued 5-30-33. (28)
- 1,912,058; Bansbach Hermann. Pipe cutting appliance. Issued 5-30-33. (28)
- 1,912,087; All. Fuld H & Co Telephon und. Selector switch. Issued 5-30-33. (28)
- 1,912,133; All. Deutsche Telephonwerke und. Motor driven computing machine. Issued 5-30-33. (28)
- 1,912,237; Zemke Heinrich. Washing machine. Issued 5-30-33. (28)
- 1,912,247; Bartling Friedrich. Distillation of fine granular solid carbonizable material. Issued 5-30-33. (28)
- 1,912,250; Borletti Senatore. Bobbin winding device. Issued 5-30-33. (38)
- 1,912,251; Bruck Stephan. Gripping device. Issued 5-30-33. (28)
- 1,912,275; All. I G Farbenindustrie A G. Process of acetylating cellulose. Issued 5-30-33. (28)
- 1,912,527; All. Brehmer Gebruder. Method of and mechanism for superimposing a sheet upon and attaching it to a selected book section or the like in a sheet pasting machine. Issued 6-6-33. (28)
- 1,912,543; Sender Theodor. Mop. Issued 6-6-33. (28)
- 1,912,626; All. I G Farbenindustrie A G. Waterproof building material. Issued 6-6-33. (28)
- 1,912,807; All. Soc Italiana Pirelli. Process for the manufacture of structures wholly made of rubber. Issued 6-6-33. (38)
- 1,912,849; All. I G Farbenindustrie A G. Heterocyclic bases of the aminoimidazole series and process of preparing them. Issued 6-6-33. (28)
- 1,912,895; Gossel Fritz. Process for converting soya beans and the like seeds into a condition suitable for nutrition. Issued 6-6-33. (28)
- 1,913,008; Sondermann Hermann. Hydraulic machine for testing pipes and the like. Issued 6-6-33. (28)
- 1,913,119; Joachimczyk Martin. Apparatus for making blanks for envelopes or paper bags. Issued 6-6-33. (28)
- 1,913,212; Ristow Carl. Process and apparatus for manufacturing receptacles. (28)
- 1,913,213; Ristow Carl. Closure device for paper receptacles. Issued 6-6-33. (28)
- 1,913,237; Hillebrand Hermann. Continuous water gas generation. Issued 6-6-33. (28)
- 1,913,285; Pokorny Max; Oliver David et al. Door. Issued 6-6-33. (28)
- 1,913,286; Ottenstein Friedrich. Toy railway track. Issued 6-6-33. (28)
- 1,913,358; All. Klockner Werke A G Abt Georgs. Mold for casting metal. Issued 6-13-33. (28)
- 1,913,426; Bley Kurt. Closing band for piston rings. Issued 6-13-33. (28)
- 1,913,471; Behrens Martin. Process of separating active constituents of animal glands. Issued 6-13-33. (28)
- 1,913,480; All. I G Farbenindustrie A G. Manufacture of synthetic spinels. Issued 6-13-33. (28)
- 1,913,487; All. I G Farbenindustrie A G. Solution of milk fibroin and the wastes thereof. Issued 6-13-33. (28)
- 1,913,515; Schmitt Caspar. Method of extracting vitamin substances from cottonseed. Issued 6-13-33. (28)
- 1,913,539; Friedrich Hans. Producing magnesium ammonium phosphate. Issued 6-13-33. (28)
- 1,913,600; Krauss Friedrich Emil. Centrifugal machine. Issued 6-13-33. (28)
- 1,913,601; Leppin Hans. Vat for wet treating of lengths of fabric. Issued 6-13-33. (28)
- 1,913,616; Sailer Adolf. Ring spinning and twisting machine. Issued 6-13-33. (28)
- 1,913,658; All. Edeleanu GmbH. Recovery of  $\text{SO}_2$  used in oil refining. Issued 6-13-33. (28)
- 1,913,685; All. Maschinenfabrik Augsburg. Manufacture of locking nuts. Issued 6-13-33. (28)
- 1,913,711; Kamp Eugen. Process for the production of forged shafting. Issued 6-13-33. (28)
- 1,913,785; All. Aoyagi Zaidan Hojin Kenkyusho. Tungsten arc lamp. Issued 6-13-33. (39)
- 1,913,801; All. Fabbrica Italiana Magneti. Ignition magnet. Issued 6-13-33. (38)
- 1,913,812; All. Fuld & Co H Telephon. Lifting device for selectors in telephone exchanges. Issued 6-13-33. (28)
- 1,913,868; Andreas Arno. Machine for weighing and packing powdered material. Issued 6-13-33. (28)
- 1,913,892; All. Mercedes Buromaschinen Werke A G. Typewriting and calculating machine. Issued 6-13-33. (28)
- 1,913,896; Poglioli Vittorio et al; Parravicini Giuseppe. Control apparatus for the trolley pole of Tramway cars and the like. Issued 6-13-33. (38)
- 1,913,907; All. Malsh & Ambronn Firm. Receptacle for floor polishing substances and the like. Issued 6-13-33. (28)
- 1,913,908; Wolf Paul. Electric accumulator. Issued 6-13-33. (28)
- 1,913,912; Baldeweg Max. Roll film box camera. Issued 6-13-33. (28)
- 1,913,930; Kiefert Paul et al; Peter Paul. Screw threading machine. Issued 6-13-33. (28)
- 1,914,019; Holscher Fritz. Machine for making square bottomed paper bags with stepwisely fed paper tubes. Issued 6-13-33. (28)
- 1,914,043; All. Brevetti Italiani Esteris A. Radio telegraphic and telegraphic receiving system. Issued 6-13-33. (38)
- 1,914,044; Seibt Georg et al; Bley Hellmuth. Glow tube for amplifying detecting and other purposes. Issued 6-13-33. (28)
- 1,914,045; Seibt Georg. Electric glow discharge tube. Issued 6-13-33. (28)
- 1,914,283; Otto Wolfgang. Control of the brakes and the throttles of automobiles. Issued 6-13-33. (28)
- 1,914,314; Walton George William. Television and the like. Issued 6-13-33. (28)
- 1,914,331; All. I G Farbenindustrie A G. Treatment of textile materials with aqueous liquids. Issued 6-13-33. (28)
- 1,914,335; All. I G Farbenindustrie A G. Purification of anhydrous aluminum chloride containing iron. Issued 6-13-33. (28)
- 1,914,488; Custers Peter Wilhelm. Machine for moistening and cooling yarns and fabrics. Issued 6-20-33. (28)
- 1,914,534; All. Egeyest Izzolampa Es. Forming electrode surfaces. Issued 6-20-33. (34)
- 1,914,565; Grothkopp Walter. Grinding measuring device. Issued 6-20-33. (28)
- 1,914,596; Diehl Conrad. Bandage. Issued 6-20-33. (28)
- 1,914,598; Feig Max. Drip catcher for retailing and dispensing vessels. Issued 6-20-33. (28)
- 1,914,606; Kinna Franziska et al; Hagemeyer Heinrich. Dental plate. Issued 6-20-33. (28)
- 1,914,672; Pawlikowski Rudolph. Four stroke internal combustion engine. Issued 6-20-33. (28)
- 1,914,674; All. I G Farbenindustrie A G. Process for the conversion of butene 1 into butene 2. Issued 6-20-33. (28)
- 1,914,714; Schmauss Julius; Gold Richard et al. Electromotor. Issued 6-20-33. (6)
- 1,914,739; Gorke Herbert et al; Neuhaus Carl. Device for cleaning vehicles. Issued 6-20-33. (28)
- 1,914,756; All. Universelle Cigarettenmaschinen. Cutting apparatus for cigarette making machines. Issued 6-20-33. (28)
- 1,914,758; Riccardi Gaetano Schieri. Machine for dyeing hanks and skeins of yarn and thread. Issued 6-20-33. (38)
- 1,914,768; Bucher Max. Process of producing pure aluminum combinations adapted for the production of aluminum. Issued 6-20-33. (28)
- 1,914,786; All. Fiat S A. Valve. Issued 6-20-33. (38)
- 1,914,793; Szydowski Josef. Air cooled two stroke cycle engine. Issued 6-20-33. (28)
- 1,914,818; Rockendorf Rudolf. Dirigible head lamp for motor vehicles automatically operated. Issued 6-20-33. (28)

- 1,914,824; Eberhard Rudolf. Process for the preparation of humous colloids. Issued 6-20-33. (28)
- 1,914,829; Brinkhaus Paul; Imhoff Karl et al. Sierp Friederich. Household filter. Issued 6-20-33. (28)
- 1,914,833; Nacken Walther. Multiple wire drawing machine. Issued 6-20-33. (28)
- 1,914,834; Otto Carl. Vacuum cleaning apparatus. Issued 6-20-33. (28)
- 1,914,848; Czczowiczka Oskar. Machine for sowing seeds. Issued 6-20-33. (6)
- 1,914,857; Honig Edgar. Building for industrial purposes. Issued 6-20-33. (28)
- 1,914,897; All. Chemieprodukte GmbH. Means for protecting gas or water pipes electric cables or the like. Issued 6-20-33. (28)
- 1,914,938; Boninger Moritz Heinrich. Toy. Issued 6-20-33. (28)
- 1,914,957; Neuss Oscar. Process for the manufacture of condensation products from urea and formaldehyde. Issued 6-20-33. (28)
- 1,915,018; All. I G Farbenindustrie A G. Thawing composition. Issued 6-20-33. (28)
- 1,915,022; Kampf August. Apparatus for casting metal. Issued 6-20-33. (28)
- 1,915,026; Meyer Jagenberg Gunther. Receptacle glued up from a paper blank and manufacturing process of the same. Issued 6-20-33. (28)
- 1,915,027; Meyer Jagenberg Gunther. Moistureproof paper container with closure. Issued 6-20-33. (28)
- 1,915,028; Meyer Jagenberg Gunther. Electric cigarette turning process and apparatus. Issued 6-20-33. (28)
- 1,915,033; Schlichter Wilhelm. Optical photometer especially for photographic appliances. Issued 6-20-33. (28)
- 1,915,038; Troche Alfred. Device for adjusting altering and changing scales and graphic nets. Issued 6-20-33. (28)
- 1,915,096; All. Kienzle Uhrenfabriken A G. Mounting and assembly of clockworks and bezels to clock casings. Issued 6-20-33. (28)
- 1,915,174; All. Boehringer C H Sohn A G. Process for the separation of the optically active isomers of lobelia alkaloids their derivatives and allied compounds. Issued 6-20-33. (28)
- 1,915,189; Koehl Herman. Garter clasp. Issued 6-20-33. (28)
- 1,915,195; Martin Karl. Method of and machine for grinding in valves and cocks. Issued 6-20-33. (28)
- 1,915,218; All. Motoren Werke Mannheim A G Vorm. Diesel engine. Issued 6-20-33. (28)
- 1,915,257; Breitenbach Karl. Machine for the manufacture of sheet metal tubes and other tubular members. Issued 6-20-33. (28)
- 1,915,332; All. Maschinenfabrik Augsburg Nurnburg. Crosshead guide for piston machines. Issued 6-27-33. (28)
- 1,915,374; All. Magdeburger Werkzeugmaschinenfabrns. Device for shifting the wheels in gear boxes of lathes and other machine tools. Issued 6-27-33. (28)
- 1,915,375; All. Magdeburger Werkzeugmaschinenfabrns. Machine tool with reciprocating carriage turret lathe or the like. Issued 6-27-33. (28)
- 1,915,453; Simonides Bruno. Stocking drying and shaping form. Issued 6-27-33. (28)
- 1,915,454; Steigenberger Friedrich. Device for opening the mouth of an animal and holding it open. Issued 6-27-33. (28)
- 1,915,462; Zuckschwerdt Fritz. Mercury switch. Issued 6-27-33. (28)
- 1,915,475; Richter Paul. Ramming machine for preparation of solid and hollow bodies from ceramic concrete and like material. Issued 6-27-33. (28)
- 1,915,481; Ziegler Julius Franz. Supporting plane for aircraft. Issued 6-27-33. (6)
- 1,915,501; All. Gewerkschaft Eisenhutte Westfalia. Rope flanking sheave. Issued 6-27-33. (28)
- 1,915,502; Lucas Paul. Burner for liquid fuel. Issued 6-27-33. (28)
- 1,915,532; Jaeschke Ernst. Rubbing club for use in washing linen. Issued 6-27-33. (28)
- 1,915,541; Lenz Hans. Sowing machine. Issued 6-27-33. (28)
- 1,915,545; All. Reemtsma Cigarettenfabriken GmbH. Storing cut tobacco. Issued 6-27-33. (28)
- 1,915,546; All. Aldinger Otto. Screw driver. Issued 6-27-33. (28)
- 1,915,649; All. Daimler Benz A G. Motor vehicle provided with four independent wheels. Issued 6-27-33. (28)
- 1,915,665; Gromoll Willy. Holder for boot and shoe laces. Issued 6-27-33. (28)
- 1,915,708; Wirth Alfred. Combined drilling and milling machine. Issued 6-27-33. (28)
- 1,915,724; Finkelstein Alexis. Manufacture of lead oxide. Issued 6-27-33. (28)
- 1,915,740; Kaiser Christian. Auxiliary lamp. Issued 6-27-33. (28)
- 1,915,741; Lomnitz Alfred. Display device. Issued 6-27-33. (28)
- 1,915,748; All. Sachtleben A G Fur Gergbau und. Process for manufacturing barium sulphate of definite granule size. Issued 6-27-33. (28)
- 1,915,755; All. I G Farbenindustrie A G. Process for purifying coal gases. Issued 6-27-33. (28)
- 1,915,761; All. Hydrometer A G Breslau. Speedometer. Issued 6-27-33. (34)
- 1,915,770; Tessmer Max. Railway vehicle with armored front ends. Issued 6-27-33. (28)
- 1,915,794; Leonhardt Wilhelm. Pessary. Issued 6-27-33. (28)
- 1,915,811; All. Wolf GmbH Georg. Instrument for examining tubes and cavities in the human and other bodies. Issued 6-27-33. (28)
- 1,915,882; Ehmke Karl. Process for attachment of rubber plates to leather or the like. Issued 6-27-33. (28)
- 1,915,888; All. Universelle. Packing of cigarettes. Issued 6-27-33. (28)
- 1,915,904; All. Gunther Wagner. Stencil sheet. Issued 6-27-33. (28)
- 1,915,931; Herrmann Rudolf. Shaker sieve made of wire gauze and used for vibrators. Issued 6-27-33. (28)
- 1,915,948; Pedrazzo Giovanni. Contact finger for electric machines and apparatus. Issued 6-27-33. (38)
- 1,915,955; All. Silesia Verein Chemischer Fabriken. Process of preparing mercapto-benzothiazole. Issued 6-27-33. (28)
- 1,916,034; Bierling Florus. Process of producing artificial stone plates. Issued 6-27-33. (28)
- 1,916,051; All. Maschinenfabrik Augsburg Nuernberg. Method of constructing telescoping gasometers. Issued 6-27-33. (28)
- 1,916,058; All. Union Special Maschinenfabrik. Combined hemmer and elastic strip guide for sewing machines. Issued 6-27-33. (28)
- 1,916,060; Menini Giacomo. Aircraft carburetor. Issued 6-27-33. (38)
- 1,916,061; Menini Giacomo. Aircraft carburetor. Issued 6-27-33. (38)
- 1,916,062; Menini Giacomo. Carburetor. Issued 6-27-33. (38)
- 1,916,069; Obermaier Otto Julius. Skewer for cross wound bobbins with spring locking caps. Issued 6-27-33. (28)
- 1,916,090; Woelm Max. Process for the production of morphine solutions. Issued 6-27-33. (28)
- 1,916,172; Koenemann Ernst. Art of heating steam boilers and similar apparatus. Issued 6-27-33. (28)
- 1,916,211; Gahler Heinrich. Meter for hot water. Issued 7-4-33. (28)
- 1,916,224; All. Lorenz C A G. Self contained oscillator tube. Issued 7-4-33. (28)
- 1,916,293; Andreas Arno. Method and apparatus for manufacturing valve bags. Issued 7-4-33. (28)
- 1,916,376; Kohler Walter. Dentists model. Issued 7-4-33. (28)
- 1,916,427; All. Hydraulik GmbH. Pressure responsive electric switch. Issued 7-4-33. (28)
- 1,916,428; Kovacs Nikolaus. Medical syringe. Issued 7-4-33. (6)
- 1,916,454; Wohlrahe Otto. Four cylinder sheet fed rotary offset press. Issued 7-4-33. (28)
- 1,916,487; Nistri Umberto. Photogrammetric apparatus. Issued 7-4-33. (38)
- 1,916,584; All. I G Farbenindustrie A G. Impregnating and adhesive composition. Issued 7-4-33. (28)
- 1,916,592; All. Stickstoffdunger A G. Process of preparing acetylene. Issued 7-4-33. (28)
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- 1,923,262; All. Stockel Karl. Fastening device. Issued 8-22-33. (28)
- 1,923,264; All. Vereinigte Stahlwerke A G. Means for separating adhering rolled metal sheets. Issued 8-22-33. (28)
- 1,923,313; All. Prehn Heinrich. Illuminant burning with a multicolored flame. Issued 8-22-33. (28)
- 1,923,471; Arnold Christian. Manufacture of steel. Issued 8-22-33. (28)
- 1,923,492; Krell Joseph. Printing machine. Issued 8-22-33. (28)
- 1,923,495; All. Chatillon S A Italiana Per La Seti. Process for obtaining lusterless artificial silks. Issued 8-22-33. (38)
- 1,923,497; All. Sachtleben A G Fur Bergbau Und. Purifying of natural heavy spar. Issued 8-22-33. (28)
- 1,923,511; All. Vereinigte Stahlwerke A G. Process for eliminating arsenic and antimony from iron ores and manganese ores. Issued 8-22-33. (28)
- 1,923,520; Okolicsanyi Franz von. Picture assembling apparatus for television receivers. Issued 8-22-33. (28)
- 1,923,539; All. Siemens Electro Asmose GmbH. Production of anticorrosive protective coatings on light metals. Issued 8-22-33. (28)
- 1,923,570; All. I G Farbenindustrie A G. Production of sodium cyanide. Issued 8-22-33. (28)
- 1,923,608; All. Bohme H Th A G. Process for the preparation of aliphatic sulphoacids. Issued 8-22-33. (28)
- 1,923,633; Markstein Robert Peter. Fountain pen. Issued 8-22-33. (6)
- 1,923,634; Markstein Robert Peter. Fountain pen holder. Issued 8-22-33. (6)
- 1,923,642; Roth Otto Jr. Cleaner for articles of metal. Issued 8-22-33. (28)
- 1,923,643; All. Merck E. Wood wool covering. Issued 8-22-33. (28)
- 1,923,802; Stoik Theodor. Racket press. Issued 8-22-33. (28)
- 1,923,826; Hogg Max. Candle stick. Issued 8-22-33. (28)
- 1,923,850; Strohschneider Otto. Trap nest for hens. Issued 8-22-33. (6)
- 1,923,891; Skaupy Franz. Apparatus for refracting light rays. Issued 8-22-33. (28)
- 1,923,907; Blaschk Willy. Device for preventing the theft or unauthorized use of automobiles. Issued 8-22-33. (28)
- 1,923,929; Jansen Otto. Holder for tubes. Issued 8-22-33. (28)
- 1,923,958; Wesnigk Erwin. Hydroplane. Issued 8-22-33. (28)
- 1,923,993; Meissner Josef. Process and apparatus for the uninterrupted production of alkaline azide. Issued 8-22-33. (28)
- 1,924,012; All. Barmer Maschinenfabrik A G. Bobbin spinning machine for the manufacture of artificial silk. Issued 8-22-33. (28)
- 1,924,014; Appel August. Fuse for electric circuits. Issued 8-22-33. (6)
- 1,924,063; Midhat Chakir. Loud speaker. Issued 8-22-33. (28)
- 1,924,066; Fleischmann Hans. Corridor trap nest. Issued 8-22-33. (28)
- 1,924,103; All. Siemens Schuckertwerke A G. Squirrel cage rotor. Issued 8-29-33. (28)
- 1,924,128; All. Maybach Motorenbau GmbH. Change speed gear. Issued 8-29-33. (28)
- 1,924,234; All. Ehrenreich & Cie. Pneumatic cushion device. Issued 8-29-33. (28)
- 1,924,244; All. Vereinigte Stahlwerke A G. Process for improving nickel tin alloys. Issued 8-29-33. (28)
- 1,924,245; All. Vereinigte Stahlwerke A G. Process for improving nickel molybdenum alloys. Issued 8-29-33. (28)
- 1,924,276; Gerstenberger Alfred. Automobile lifting mechanism. Issued 8-29-33. (28)
- 1,924,281; All. Maschinenfabrik Augsburg Nurnberg. Liquid seal for gas holders. Issued 8-29-33. (28)
- 1,924,312; Frischer Hermann. Method of concentrating nitric acid. Issued 8-29-33. (28)
- 1,924,323; Kohlmeier Ernst Justus et al; Siebers Xaver. Process for the treatment of raw materials containing silicic acid or silicates and oxides of heavy or light metals. Issued 8-29-33. (28)
- 1,924,325; All. Elektrowerke A G. Fluid controlling device. Issued 8-29-33. (28)
- 1,924,364; All. Lorenz A G. Electric machine. Issued 8-29-33. (28)
- 1,924,421; Stauber Georg. Turbine engine. Issued 8-29-33. (28)
- 1,924,483; All. Zellstoffabrik Waldhof. Method of and means for separating cellulose or the like from treating liquid. Issued 8-29-33. (28)
- 1,924,527; Tronnier Albrecht Wilhelm. Unsymmetrical objective lens system. Issued 8-29-33. (28)
- 1,924,629; Thoma Hans. Hydraulic pump and motor. Issued 8-29-33. (28)
- 1,924,749; All. Glanzstoff Courtaulds GmbH. Supporting means for artificial silk. Issued 8-29-33. (28)
- 1,924,772; Clark Percy Robert. Wire rope or cable making machine. Issued 8-29-33. (57)
- 1,924,793; Laske Franz. Paint for indicating heat. Issued 8-29-33. (28)
- 1,924,794; All. Krupp A G Fried. Counting machine. Issued 8-29-33. (28)
- 1,924,828; Aurig Max. Disintegrator. Issued 8-29-33. (28)
- 1,924,839; All. Berkenhoff & Drebes A G. Method and machinery for drawing wire. Issued 8-29-33. (28)
- 1,924,840; Dorste Hans Walter et al; Kirchner Hans. Method for the compensation of capacity unbalances in the groups of cores of telegraph and telephone cables. Issued 8-29-33. (28)
- 1,924,856; Heller Oswald. Continuous gas manufacture. Issued 8-29-33. (28)
- 1,924,962; Rosenbaum Josef. Machine for working wheel roller and like blanks. Issued 8-29-33. (28)
- 1,924,968; Weichlein Werner. Process for the manufacture of vaccines. Issued 8-29-33. (28)
- 1,924,996; Langguth Wilhelm. Tailless airplane. Issued 8-29-33. (28)
- 1,925,027; Bollmann Hermann et al; Engelmann Wilhelm. Recovery of sulphur from gas purifying materials. Issued 8-29-33. (28)
- 1,925,041; Auerbach Ernst Auerbach. Method of producing carbon dioxide in solid form. Issued 8-29-33. (28)
- 1,925,069; All. Voegelé A G Joseph. Grinding mill. Issued 8-29-33. (28)
- 1,925,170; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 9-5-33. (28)
- 1,925,207; Snatoni Ermenegildo. Photogrammetric apparatus. Issued 9-5-33. (38)
- 1,925,215; Sturm Erwin. High speed shaping machine with hydraulic drive. Issued 9-5-33. (28)
- 1,925,222; All. Siemens Schuckertwerke A G. Steam generator. Issued 9-5-33. (28)
- 1,925,292; Walter Richard R. Method of sintering metallic bodies. Issued 9-5-33. (28)
- 1,925,325; All. Deuta Werke Vorm Deutsche Recorder. 9-5-33. (28)
- 1,925,391; Kohlmeier Ernst Justus. Process for the recovery of iron from iron and sulphur carrying metallurgical products especially ores. Issued 9-5-33. (28)
- 1,925,408; All. Klönne Aug. Waterless gas holder. Issued 9-5-33. (28)
- 1,925,464; Schoene Kurt. Guiding means for annular valves. Issued 9-5-33. (28)
- 1,925,474; All. Demag A G. Winch especially for use in granaries. Issued 9-5-33. (28)
- 1,925,475; Albohr Peter. Apparatus for the pasteurization of milk. Issued 9-5-33. (28)
- 1,925,490; Lichtenberger Theodor. Coal and water gas process. Issued 9-5-33. (28)
- 1,925,502; Schaeffer Walter. Process and machine for filling ampoules. Issued 9-5-33. (28)
- 1,925,503; Schmidt Ernst. Closure means for tin boxes. Issued 9-5-33. (28)
- 1,925,516; All. Clouth Franz Rheinische. Method for manufacturing plaited work. Issued 9-5-33. (28)
- 1,925,526; All. I G Farbenindustrie A G. Coloring paper and the like. Issued 9-5-33. (28)
- 1,925,587; Kaselitz Oscar. Method of producing potassium nitrate. Issued 9-5-33. (28)
- 1,925,606; All. Universelle Cigarettenmaschinen. Paper guiding in cigarette rod machines. Issued 9-5-33. (28)
- 1,925,739; Lainau Albert; Vorlander Daniel et al. Method of preparing ammonium sulphate. Issued 9-5-33. (28)
- 1,925,747; Caretta Ettore. Liquid level indicator. Issued 9-5-33. (38)
- 1,925,763; Kirschen Arnold. Buffer device for self driven vehicles. Issued 9-5-33. (57)
- 1,925,776; Anelotti Giovanni Battista; Campi Bortolo Gleuseppe; Scotti Alfredo et al. Direct interlocking device for the breech block and the firing pin of automatic firearms. Issued 9-5-33. (38)
- 1,925,890; Wilberz Johannes. Apparatus for the mass production of cast articles. Issued 9-5-33. (28)
- 1,925,900; Haas Hermann. Drying apparatus. Issued 9-5-33. (28)
- 1,926,149; All. Fabrik Explosionsicherer Gefasse. Apparatus for delivering and measuring liquids such as fuels and lubricating oil. Issued 9-12-33. (28)
- 1,926,242; Rausch Gottfried. Pressing and cutting mechanism for automatic cutting dividing and kneading machines. Issued 9-12-33. (28)
- 1,926,286; All. Deutsche Gasgluhlicht Auer GmbH. Refrigerating plant. Issued 9-12-33. (28)
- 1,926,288; All. Sachische Textile A G. Method of cotton spinning. Issued 9-12-33. (28)
- 1,926,289; Kovacs Theodor. Eraser. Issued 9-12-33. (28)
- 1,926,290; Krieglmeier Josef. Counter pressure filling apparatus. Issued 9-12-33. (57)
- 1,926,291; Kruse Jan Peter. Cow tail holder. Issued 9-12-33. (28)
- 1,926,303; Paulus Heinrich. Process for making floor covering. Issued 9-12-33. (28)
- 1,926,304; Pawlikowski Rudolf. Powdered fuel for internal combustion engines. Issued 9-12-33. (28)
- 1,926,321; Turek Johann. Grinding wheel. Issued 9-12-33. (28)
- 1,926,421; Andreas Arno. Method apparatus for manufacturing paper bags. Issued 9-12-33. (28)
- 1,926,448; All. Barmer Maschinenfabrik A G. Double sided twisting machine. Issued 9-12-33. (28)
- 1,926,469; All. Barmer Maschinenfabrik A G. Film pack. Issued 9-12-33. (28)
- 1,926,479; Fischer Carl. Whistle for cooking vessels. Issued 9-12-33. (28)

- 1,926,484; Hoffman Alfred. Method apparatus for emulsifying. Issued 9-12-33. (28)
- 1,926,554; Muller Carl Wilhelm. Apparatus for depositing groups or rows of cigarettes in receptacles. Issued 9-12-33. (28)
- 1,926,556; All. I G Farbenindustrie A G. Dyeing wool. Issued 9-12-33. (28)
- 1,926,563; All. Preussische Gewerkshaft Raphael. Method of & means for cracking hydrocarbons in a metal bath. Issued 9-12-33. (28)
- 1,926,615; Drohn Paul. Ball. Issued 9-12-33. (28)
- 1,926,617; Esau Abraham. Arrangement for producing ultra short waves. Issued 9-12-33. (28)
- 1,926,620; Herzog Hans. Process of producing monochrome or multicolor gelatin relief photographs. Issued 9-12-33. (28)
- 1,926,701; All. Soc Italiana Pirelli. Means for concentrating aqueous dispersions of rubber and the like. Issued 9-12-33. (38)
- 1,926,702; All. Soc Italiana Pirelli. Method of concentrating aqueous. Issued 9-12-33. (38)
- 1,926,716; All. Winkel R. GmbH. Double refraction device. Issued 9-12-33. (28)
- 1,926,745; Klopfer Volkmar. Production of colloidal solutions of metal iodides. Issued 9-12-33. (28)
- 1,926,760; Albrecht Arthur. Drill chuck. Issued 9-12-33. (28)
- 1,926,819; Schoen Karl. Rolling dam. Issued 9-12-33. (28)
- 1,926,829; All. I G Farbenindustrie A G. Purification of sulphur. Issued 9-12-33. (28)
- 1,926,907; All. Lehmann J M. Single roll mill for paint & the like. Issued 9-12-33. (28)
- 1,926,929; All. Chemische Pharmazeutische A G Bad. Modification of the preparation of camomile extracts. Issued 9-12-33. (28)
- 1,926,932; Biagosch Karl. Cutting machine. Issued 9-12-33. (28)
- 1,926,934; All. Typograph GmbH. Matrix setting & type line casting machine. Issued 9-12-33. (28)
- 1,927,069; Nord Friedrich Franz. Method of influencing the speed of enzymatic reactions. Issued 9-19-33. (28)
- 1,927,117; All. I G Farbenindustrie A G. Preparation of painting materials. Issued 9-19-33. (28)
- 1,927,138; All. Universelle Cigarettenmaschinen. Process and apparatus for feeding predetermined amount of tobacco. Issued 9-19-33. (28)
- 1,927,150; Berroth Alfred. Measuring instrument for investigating gravitation. Issued 9-12-33. (28)
- 1,927,154; Dix Alfred. Method and a machine for grinding of tuning tongues. Issued 9-19-33. (28)
- 1,927,338; All. Germar Karl. Sticking corner for fastening cards and photos. Issued 9-19-33. (28)
- 1,927,363; Freiburger Moritz. Process of treating vegetable or artificial fibers or fiber material. Issued 9-19-33. (28)
- 1,927,375; Schmidt Fritz. Hardening of condensation products from phenols and aldehydes. Issued 9-19-33. (28)
- 1,927,380; Von Melczer Tibor. Means for supporting oscillating masses. Issued 9-19-33. (34)
- 1,927,385; Urbasch Ottokar; Bendlin Richard et al. Method of purifying and mixing fats and waxes. Issued 9-19-33. (6)
- 1,927,472; Scheiber Johannes. Process for the manufacture of shellac substitutes. Issued 9-19-33. (28)
- 1,927,596; Rosin Paul. Process and apparatus for the combined pneumatic preliminary drying and pneumatic subsequent heating of goods. Issued 9-19-33. (28)
- 1,927,647; All. Universelle Cigarettenmaschinen. Machine for placing articles of flat or oblong cross section side by side in an oblique position. Issued 9-19-33. (28)
- 1,927,648; All. Universelle Cigarettenmaschinen. Cigarette packing machine. Issued 9-19-33. (28)
- 1,927,726; Weil Kurt et al; Peters Kurt. Process of preparing radioactive substances. Issued 9-19-33. (28)
- 1,927,728; Wolff Fritz. Form cylinder for offset printing machines. Issued 9-19-33. (28)
- 1,927,749; All. Holken Martin GmbH. Artificial silk spinning pump. Issued 9-19-33. (28)
- 1,927,755; Peek Johann; Rogowski Walter et al; Grosser Walter. Method of transmitting electric potentials. Issued 9-19-33. (28)
- 1,927,758; Von Freydror Rudolf Carl; Scheel Joachim Erik et al; Bull Werner Herbert. Device for indicating the level of liquids. Issued 9-19-33. (28)
- 1,927,761; Tauschek Gustav. Power drive for typewriters. Issued 9-19-33. (6)
- 1,927,777; Hene Emil. Method of manufacturing high valued nitrogen compounds. Issued 9-19-33. (28)
- 1,927,805; Rehlander Paul. Method of color photography. Issued 9-19-33. (28)
- 1,927,839; Ludecke Carl et al; Wilcken Wilhelm. Cleaning medium for animal and vegetable textile fibers or textile materials. Issued 9-26-33. (28)
- 1,927,850; All. I G Farbenindustrie A G. Refining or vegetable oils and fats. Issued 9-26-33. (28)
- 1,927,851; Schurmann Eugen. Reversing gear for washing machines and similar reversible machines. Issued 9-26-33. (28)
- 1,927,858; All. I G Farbenindustrie A G. Urethane derivatives and a process for their production. Issued 9-26-33. (28)
- 1,927,901; Plagens Friedrich Richard. Bell ringing device. Issued 9-26-33. (28)
- 1,927,940; All. Vereinigte Stahlwerke A G. Iron containing alloy for permanent magnets. Issued 9-26-33. (28)
- 1,927,945; Meissner Karl Leo. Corrosion resistant age hardenable aluminum composite metal. Issued 9-26-33. (28)
- 1,927,955; Schuster Fritz. Apparatus for treating textile materials. Issued 9-26-33. (28)
- 1,927,981; Hassner Kurt. Four jaw chuck for drills. Issued 9-26-33. (28)
- 1,928,098; All. Hesser Fr Maschinenfabrik A G. Device for feeding individual razor blades to the feeding means of a wrapping machine. Issued 9-26-33. (28)
- 1,928,181; Loening Erich. Method of making photographic prints. Issued 9-26-33. (28)
- 1,928,240; Askenasy Paul et al; Heller Alfred. Process for producing simultaneously ethylene glycol and acetaldehyde. Issued 9-26-33. (28)
- 1,928,269; All. I G Farbenindustrie A G. Process of preparing esters of the carbohydrates. Issued 9-26-33. (28)
- 1,928,294; Liebreich Erik. Method of refining chromium and chromzium alloys. Issued 9-26-33. (28)
- 1,928,369; Cohen Venezian Carlo. Sectionable truck. Issued 9-26-33. (38)
- 1,928,382; All. Vereinigte Stahlwerke A G. Permanent magnet. Issued 9-26-33. (28)
- 1,928,488; Hammerschmidt Theo. Front edge covering for stairs and the like. Issued 9-26-33. (28)
- 1,928,503; Reisz Eugen. Circuit arrangement for operating electrostatic loud speakers. Issued 9-26-33. (28)
- 1,928,505; Schmelcher Alexander. Speed indicator with recording devices especially for motor cars. Issued 9-26-33. (28)
- 1,928,515; Tiegel Max. Apparatus for preventing joint stiffness and atrophy of the muscles when treating bone fractures. Issued 9-26-33. (28)
- 1,928,542; Reiter Michael. Apparatus for securing repair patches to tubes or hoses. Issued 9-26-33. (6)
- 1,928,559; Darnhofer Egon. Automatic graph reproducing device. Issued 9-26-33. (6)
- 1,928,582; All. I G Farbenindustrie A G. Esterification of fatty acids. Issued 9-26-33. (28)
- 1,928,596; Merz Fritz. Expansible last or boot tree. Issued 9-26-33. (28)
- 1,928,626; Lesage Alfred. Fastening device for outboard motors. Issued 10-3-33. (28)
- 1,928,998; Kovacs Nikolaus. Double ampule for sterile solutions. Issued 10-3-33. (6)
- 1,929,010; Winter Otto. Throttling device for internal combustion engines. Issued 10-3-33. (28)
- 1,929,012; Boda Joseph. Hair curler. Issued 10-3-33. (34)
- 1,929,040; Wezel Walter Paul; Schmid Richard Karl et al. Skinning apparatus. Issued 10-3-33. (28)
- 1,929,061; Floresta Ereole Trigona Della. Device for the longitudinal control of aeroplanes. Issued 10-3-33. (38)
- 1,929,080; Schramm Hermann. Hair net or cap. Issued 10-3-33. (28)
- 1,929,285; Muller Otto Max. Chuch collet. Issued 10-3-33. (28)
- 1,929,321; All. Union Special Maschinenfabrik. Chain stitch sewing machine. Issued 10-3-33. (28)
- 1,929,322; All. Union Special Maschinenfabrik. Chain stitch sewing machine. Issued 10-3-33. (28)
- 1,929,323; All. Union Special Maschinenfabrik. Apparatus for forming enchainned stitching loops. Issued 10-3-33. (28)
- 1,929,343; Belloni Angelo. Respiratory hood. Issued 10-3-33. (38)
- 1,929,507; Merk Friedrich. Selector arrangement. Issued 10-10-33. (28)
- 1,929,526; All. Egesult Izzolampa es Villamossag. Rectifying tube with glow discharge. Issued 10-10-33. (34)
- 1,929,578; Schramm Emil; Ellinger Otto Kurt. Grinding and polishing cylinders. Issued 10-10-33. (28)
- 1,929,639; Kettlein Friedrich. Device for grinding and polishing cylinders. Issued 10-10-33. (28)
- 1,929,640; Franz Bernhard; Klarenaar Guido et al. Electromagnetic device for oscillating the headlights of motor vehicles. Issued 10-10-33. (28)
- 1,929,645; Luders Wilhelm. Packing for gate valves and similar shutting off elements. Issued 10-10-33. (28)
- 1,929,685; Feil Edmund. Reflector system for stereocinematograph cameras. Issued 10-10-33. (28)
- 1,929,689; Hochheimer Ernst. Fixing machine. Issued 10-10-33. (28)
- 1,929,714; Reich Ernest. Electrical measuring instrument. Issued 10-10-33. (34)
- 1,929,731; Wustefeld Karl. Calendar. Issued 10-10-33. (28)
- 1,929,850; Pohl Gustav. Tractor wheel. Issued 10-10-33. (28)
- 1,929,856; Schlotterhose Conrad. Apparatus for producing animal food. Issued 10-10-33. (28)
- 1,929,869; Hassner Kurt. Quick change chuck. Issued 10-10-33. (28)
- 1,929,904; Bley Hellmuth; Seibt Georg et al. Glow tube for amplifying detecting and other purposes. Issued 10-10-33. (28)
- 1,930,071; All. Fernseh A G. Television apparatus. Issued 10-10-33. (28)
- 1,930,082; All. Boykow Messgerate GmbH. Gyroscopic compass. Issued 10-10-33. (28)
- 1,930,107; Rang Anton. Safety valve for acetylene torches. Issued 10-10-33. (28)
- 1,930,190; Becker Heinrich. Roller bearing. Issued 10-33. (28)
- 1,930,251; Novratil Ladislaus. Ceiling. Issued 10-10-33. (34)



- 1,930,301; Beckmann Hermann. Indelible print. Issued 10-10-33. (28)
- 1,930,355; Lettermann Adolf. Orthopedic boot or shoe. Issued 10-10-33. (28)
- 1,930,358; Helmenstein Erwin. Apparatus for painting circular ornaments on walls ceilings and the like. Issued 10-10-33. (28)
- 1,930,399; All. Drager Otto Heinrich. Helmet for divers miners firemen and the like. Issued 10-10-33. (28)
- 1,930,421; Ehmer Johann Michael. Picture film diapositive and the like for optical projection apparatus. Issued 10-10-33. (28)
- 1,930,422; Eirich Joseph; Eirich Ludwig et al. Plant for preparing fodder from plants. Issued 10-10-33. (28)
- 1,930,431; All. Leitz Optische Werke GmbH. Enlargement camera. Issued 10-10-33. (28)
- 1,930,432; All. Leitz Optische Werke GmbH. Distance meter for photographic purposes. Issued 10-10-33. (28)
- 1,930,457; Pruss Max. Method of artificially heating sludge digestion chambers. Issued 10-10-33. (28)
- 1,930,604; All. Koch & Sterzel A G. Current and potential measuring transformer. Issued 10-17-33. (28)
- 1,930,683; All. Hartstoff Metall A G. Polishing machine for colored pulverulent bronze. Issued 10-17-33. (28)
- 1,930,684; All. Hartstoff Metall A G. Hame-tag. Method of manufacturing bronze colors. Issued 10-17-33. (28)
- 1,930,776; Seldinger Walter. Combination of a broadcasting receiver set and a gramophone. Issued 10-17-33. (28)
- 1,930,797; Schmauss Julius; Gold Richard et al. Electromotor. Issued 10-17-33. (6)
- 1,930,845; All. I G Farbenindustrie A G. Preparation of aqueous dispersions. Issued 10-17-33. (28)
- 1,930,864; Schmeisser Hugo. Automatic firearm. Issued 10-17-33. (28)
- 1,930,883; All. Chemische Fabrik Kalk GmbH. Process for the manufacture of fertilizers. Issued 10-17-33. (28)
- 1,930,885; Rittler Gustav. Process for the treatment of hard waters. Issued 10-17-33. (28)
- 1,930,903; Michel Max. Pressing box filter protection. Issued 10-17-33. (28)
- 1,930,904; Muller Ulrich. Procedure and device for the protection of plants from frost and for the repression of vermin by artificial fog. Issued 10-17-33. (28)
- 1,930,910; Rohm Otto. Tanning solution. Issued 10-17-33. (28)
- 1,931,199; All. Heindl & Petters. Device for locking the platen of typewriters. Issued 10-17-33. (6)
- 1,931,282; Boykow Johann Maria. Automatic steering device. Issued 10-17-33. (28)
- 1,931,313; All. Leitz Ernst Optische Werke. Coupling between objective adjustment and distance gauge in cameras. Issued 10-17-33. (28)
- 1,931,355; Nathansohn Alexander. Process of treating furs. Issued 10-17-33. (28)
- 1,931,412; Kosch Josef. Card index system and cards therefor. Issued 10-17-33. (28)
- 1,931,418; Strossel Georg. Stringed musical instrument. Issued 10-17-33. (28)
- 1,931,440; All. Universelle cigarettenmaschinen wrapping machine. Issued 10-17-33. (28)
- 1,931,441; All. Kohlentechnik Ges fur GmbH. Production of hydrocyanic acid. Issued 10-17-33. (28)
- 1,931,442; Klempt Walter. Process for the production of nitrogen hydrogen mixtures. Issued 10-17-33. (28)
- 1,931,446; Muller Hans. Caster. Issued 10-17-33. (28)
- 1,931,475; Lange Fritz; Brasch Arno et al. Vacuum circuit breaker. Issued 10-17-33. (28)
- 1,931,515; All. I G Farbenindustrie A G. Process for the manufacture of alumina. Issued 10-24-33. (28)
- 1,931,593; Unger Alfred Anton. Typewheel typewriter. Issued 10-24-33. (28)
- 1,931,607; Halasz Paul. Electrical heating device. Issued 10-24-33. (34)
- 1,931,683; Weill Albert. Joke buzzer. Issued 10-24-33. (28)
- 1,931,717; All. Vereinigte Stahlwerke A G. Method of making high grade borehole casings. Issued 10-24-33. (28)
- 1,931,734; Levy Alfred. Toy crane. Issued 10-24-33. (28)
- 1,931,805; Sylvester Ewald. Window netting with rolling up device. Issued 10-24-33. (28)
- 1,931,811; Bolanz Friedrich. Arrangement of a clock on the steering element of motor vehicles. Issued 10-24-33. (28)
- 1,931,814; Cohen Louis. Method for insulating and packing pipe connections by inclosure. Issued 10-24-33. (28)
- 1,931,820; Hein Hermann. Method and apparatus for hauling aircraft upon watercraft. Issued 10-24-33. (28)
- 1,931,825; Muller Paul. Apparatus for projecting advertisements and the like. Issued 10-24-33. (28)
- 1,931,832; All. I G Farbenindustrie A G. Process of preparing esters of polymeric carbohydrates. Issued 10-24-33. (28)
- 1,931,844; All. I G Farbenindustrie A G. Soluble cellulose esters of the higher fatty acids. Issued 10-24-33. (28)
- 1,931,862; Felten Karl. High tension switch. Issued 10-24-33. (28)
- 1,931,864; All. Lorenz C A G. Radio transmitting system. Issued 10-24-33. (28)
- 1,931,869; Jansen Bernhard. Step switcher for regulating transformers. Issued 10-24-33. (28)
- 1,931,870; All. Lorenz C A G. Connection for electron tubes for the multiplication of frequency. Issued 10-24-33. (28)
- 1,931,883; Bertram Ernst. Photographic exposure meter. Issued 10-24-33. (28)
- 1,931,962; All. I G Farbenindustrie A G. Sulphuric acid esters of alcohols and derivatives thereof. Issued 10-24-33. (28)
- 1,931,969; Thoma Hans. Hydraulic gear. Issued 10-24-33. (28)
- 1,931,984; Hanel Curt. Ticket printing machine. Issued 10-24-33. (28)
- 1,932,076; Kemmer Harald. Plant for utilizing waste heat. Issued 10-24-33. (28)
- 1,932,162; La Cauza Giuseppe. Refrigerator van. Issued 10-24-33. (38)
- 1,932,210; All. Elektrische Apparate GmbH. Indicator. Issued 10-24-33. (28)
- 1,932,323; Michalk Otto. Sole sticking press. Issued 10-24-33. (28)
- 1,932,326; Sievers Erich. Packing or wrapper especially useful for shampooing and hair dyeing materials. Issued 10-24-33. (28)
- 1,932,338; All. I G Farbenindustrie A G. Process of inhibiting the development of microorganisms. Issued 10-24-33. (28)
- 1,932,345; All. Kremmling Aribert. Apparatus for the manufacture of confectionery. Issued 10-24-33. (28)
- 1,932,351; Martina Giuseppe. Method of closing vessels. Issued 10-24-33. (38)
- 1,932,470; Lehmann Herbert. Optical telescope for medical and technical purposes. Issued 10-31-33. (28)
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- 1,932,580; All. Schnellpressenfabrik Koenig and. Casting machine for hemicylindrical printing plates. Issued 10-31-33. (28)
- 1,932,583; All. Schnellpressenfabrik Koenig and. Automatic control for hydraulic matrix molding drying presses. Issued 10-31-33. (28)
- 1,932,587; Hofer Paul. Production of potassium nitrate. Issued 10-31-33. (28)
- 1,932,590; Kaselitz Oskar. Method of producing brominated organic compounds. Issued 10-31-33. (28)
- 1,932,641; Scheidhauer Alfred. Self fed autogenous fusing machine. Issued 10-31-33. (28)
- 1,932,671; Pfistershammer Josef. Reinforced concrete pole. Issued 10-31-33. (28)
- 1,932,699; All. Vereinigte Stahlwerke A G. Process for applying a protective coating to metallic articles. Issued 10-31-33. (28)
- 1,932,741; All. Hartstoff Metall A G. Method of manufacturing disintegrated bronze foils. Issued 10-31-33. (28)
- 1,932,918; All. Siemens Schuckertwerke A G. Steam generator. Issued 10-31-33. (28)
- 1,932,928; Frisch Nikodemus. Grit distributing machine. Issued 10-31-33. (28)
- 1,932,954; Conradt Ottmar. Condensing apparatus. Issued 10-31-33. (28)
- 1,933,002; Beyer Otto. Two stroke cycle internal combustion engine. Issued 10-31-33. (28)
- 1,933,008; All. Soc Italiana Pirelli. Manufacture of electric cables for high tensions. Issued 10-31-33. (38)
- 1,933,016; Huse John Oldham. Valve grinder. Issued 10-31-33. (28)
- 1,933,041; Bauer Gustav. Ship's engine plant. Issued 10-31-33. (28)
- 1,933,052; All. I G Farbenindustrie A G. Production of polymerization products. Issued 10-31-33. (28)
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- 1,933,118; All. Siemens Reiniger Veifa Ges Fur. Current measuring system. Issued 10-31-33. (28)
- 1,933,123; Schreiner Franz. Primer for engine driven rotary pumps. Issued 10-31-33. (6)
- 1,933,142; All. Maschinenfabrik Augsburg. Method of manufacturing shell rings for gas holders. Issued 10-31-33. (28)
- 1,933,180; Meyer Jagenberg Gunther. Method and apparatus for forming closures for paper containers. Issued 10-31-33. (28)
- 1,933,196; Vogelsang Fritz. Ash tray. Issued 10-31-33. (28)
- 1,933,362; Bergstrom John. Automatic twist drill milling machine. Issued 10-31-33. (28)
- 1,933,363; Bottner Heinrich. Device for bending metal bars. Issued 10-31-33. (28)
- 1,933,422; All. I G Farbenindustrie A G. Chlorination of naphthalene. Issued 10-31-33. (28)
- 1,933,435; Kaffeer Hans. Method of carrying out catalytic hydrogenation. Issued 10-31-33. (28)
- 1,933,452; All. Kali Chemie A G. Manufacture of potassium carbonate. Issued 10-31-33. (28)
- 1,933,473; Eirich Joseph Eirich Ludwig et al. Kneading grinding and mixing machine. Issued 10-31-33. (28)
- 1,933,654; Brettrager Peter. Driving device operated by the weight and muscular force of the human body. Issued 11-7-33. (34)
- 1,933,741; All. A Liebethuth & Co GmbH. Holding compartments for paint tablets in sheet metal paint boxes. Issued 11-7-33. (28)
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- 1,933,853; Hahnle Hermann. Device for feeding steam boilers generating steam of high pressure. Issued 11-7-33. (28)
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- 1,933,999; All. I G Farbenindustrie A G. Manufacture of artificial products of viscose. Issued 11-7-33. (28)
- 1,934,003; All. Fried Krupp A G. Check printing mechanism for cash registers. Issued 11-7-33. (28)
- 1,934,046; Demarchi Mario. Syringe for hypodermic medical injections. Issued 11-7-33. (38)

- 1,934,145; Roebel Ludwig. Refrigeration apparatus. Issued 11-7-33. (28)
- 1,934,146; Roebel Ludwig. Refrigeration apparatus. Issued 11-7-33. (28)
- 1,934,147; Roebel Ludwig. Refrigeration apparatus. Issued 11-7-33. (28)
- 1,934,202; Moller Fritz. Metal cutting machine. Issued 11-7-33. (28)
- 1,934,757; Stolze Heinrich. Beet root harvesting machine. Issued 11-14-33. (28)
- 1,934,766; Krussmann Hermann. Alternating single or multiphase current motor. Issued 11-14-33. (28)
- 1,934,796; All. Aceta GmbH. Apparatus for moistening threads. Issued 11-14-33. (28)
- 1,934,817; All. Raschig Dr F GmbH. Process and device for the manufacture of plates section pieces or the like from phenol formaldehyde artificial resins. Issued 11-14-33. (28)
- 1,934,825; All. Hesser Fr Maschinenfabrik A G. Labeling machine. Issued 11-14-33. (28)
- 1,934,861; Hubsch Moric Gyorgy Karpati Jenő et al. Process for the removal of phenols in a pure state from tars or tar oils. Issued 11-14-33. (34)
- 1,934,863; All. Optische Werke G Rodenstock. Galilean telescope. Issued 11-14-33. (28)
- 1,934,901; Witting Bruno. Process for producing metal rollers. Issued 11-14-33. (28)
- 1,934,978; All. Ringfeder GmbH. Spring. Issued 11-14-33. (28)
- 1,935,070; All. Hartmann and Braun A G. Indicator instrument. Issued 11-14-33. (28)
- 1,935,240; All. Gillis Eduard. Pattern device for hand looms. Issued 11-14-33. (28)
- 1,935,266; Hauptmeyer Friedrich. Metallic dental filling composition. Issued 11-14-33. (28)
- 1,935,271; Krell Otto. Equipment for moored airships. Issued 11-14-33. (28)
- 1,935,280; Vogel Max. Stapling machine. Issued 11-14-33. (28)
- 1,935,364; Langen Heinrich. Spring. Issued 11-14-33. (28)
- 1,935,400; Junkers Hugo. Hydraulic power transmitting mechanism. Issued 11-14-33. (28)
- 1,935,418; Funke Rudolf Salzmann Werner et al. Dental filler. Issued 11-14-33. (28)
- 1,935,444; All. Leitz Ernst Optische Werke. Microscope. Issued 11-14-33. (28)
- 1,935,467; All. Bosch Robert A G. Interrupter switch. Issued 11-14-33. (28)
- 1,935,490; Wagner Gottlob Friedrich. Circular warp knitting machine. Issued 11-14-33. (28)
- 1,935,506; All. Krantz H. Loading centrifugal extractor. Issued 11-14-33. (28)
- 1,935,521; All. Auto Product GmbH. Antishimmy device. Issued 11-14-33. (28)
- 1,935,526; Hannes Hugo Spuhr Max et al. Manufacture of edge lining strips. Issued 11-14-33. (28)
- 1,935,539; All. Silarificio Whitehead Di Fiume. Propelling device for torpedoes with multiple turbine engines. Issued 11-14-33. (38)
- 1,935,559; Herman Alexander. Sliding window. Issued 11-14-33. (28)
- 1,935,593; All. Presslicht Patentvertretungsges. Method of and means for converting the electric arc into an elongated flame. Issued 11-14-33. (6)
- 1,935,692; All. I G Farbenindustrie A G. Process for preparing vulcanized fiber. Issued 11-21-33. (28)
- 1,935,717; All. I G Farbenindustrie A G. Synthetic precious stone. Issued 11-21-33. (28)
- 1,935,749; Schlumbohm Peter. Vacuum regenerating machine. Issued 11-21-33. (28)
- 1,935,798; Hopf Paul. Method of producing cutting and grinding tools. Issued 11-21-33. (28)
- 1,935,827; Zwanzig Emil. Machine for operating on straps. Issued 11-21-33. (28)
- 1,935,858; All. Mercedes Buromaschinen Werke A G. Driving means for calculating machines. Issued 11-21-33. (28)
- 1,935,862; Tebaldi Alessandro. Spark plug. Issued 11-21-33. (38)
- 1,935,973; Altmann Max. Hand apparatus for mouth or dental treatment. Issued 11-21-33. (28)
- 1,935,975; Donandt Hermann. Safety appliance for rotary winding members of hauling machines. Issued 11-21-33. (28)
- 1,935,993; Reutter Wilhelm. Carriage body for automobiles. Issued 11-21-33. (28)
- 1,935,999; Tessky Karl. Bar guide for machine tools. Issued 11-21-33. (28)
- 1,936,005; Bay Zoltan. Method of and device for operating luminous tubes. Issued 11-21-33. (28)
- 1,936,011; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 11-21-33. (28)
- 1,936,012; Ghirardi Luigi. Safety apparatus for shipwrecked persons. Issued 11-21-33. (38)
- 1,936,019; All. Vereinigte Stahlwerke A G. Apparatus for rolling seamless hollow bodies. Issued 11-21-33. (28)
- 1,936,023; Jorkan Andreas. Grindstone for grinding wood pulp. Issued 11-21-33. (28)
- 1,936,034; All. Mercedes Buromaschinen Werke A G. Calculating typewriter. Issued 11-21-33. (28)
- 1,936,053; Ghirardi Luigi. Propelling and steering device. Issued 11-21-33. (38)
- 1,936,054; Harzbecker Rudolf. Protective device for motor cars and other vehicles. Issued 11-21-33. (28)
- 1,936,123; Willstatter Richard. Preservation of animal and vegetable substances. Issued 11-21-33. (28)
- 1,936,169; Le Bret Ludwig et al; Schneggenburger Gunther. Multiple delivery liquid pump. Issued 11-21-33. (28)
- 1,936,281; Goller Hubert C; Winkler Egon Carl et al. Process for disembittering and improving soya beans or like legumines. Issued 11-21-33. (6)
- 1,936,293; Daub Ernst. Heat exchanger. Issued 11-21-33. (28)
- 1,936,318; Windberger Othmar. Automobile vehicle. Issued 11-21-33. (6)
- 1,936,321; Ambronn Richard. Process of and device for detecting and measuring minimum accelerations. Issued 11-21-33. (28)
- 1,936,322; All. Leitz Ernst Optische Werke GmbH. Photographic device. Issued 11-21-33. (28)
- 1,936,370; All. Officina Meccanica St Andrea Novato. Artificial silk ring doubler. Issued 11-21-33. (38)
- 1,936,409; Scholz William. Rudder. Issued 11-21-33. (28)
- 1,936,475; Fritsch Hermann. Feeding device for Pilger rolling mills. Issued 11-21-33. (28)
- 1,936,478; All. Pintsch Julius A G. Illuminating lamp. Issued 11-21-33. (28)
- 1,936,545; All. Wagner Fritz and Co. Boiler feed system. Issued 11-21-33. (28)
- 1,936,707; Buchholz Max. Method of protecting electrical apparatus. Issued 11-28-33. (28)
- 1,936,790; All. Demag A G. Tube drawing apparatus. Issued 11-28-33. (28)
- 1,936,819; All. Uhde Friedrich. Production of liquid products from solid or liquid carbonaceous materials. Issued 11-28-33. (28)
- 1,936,822; Boenecke Alfred. Box especially for viscous substances. Issued 11-28-33. (28)
- 1,936,836; All. Deutsche Gold und Silber. Manufacture of water free ethyl alcohol. Issued 11-28-33. (28)
- 1,936,860; Ruberg Josef. Photographic camera. Issued 11-28-33. (28)
- 1,936,957; All. Kalle & Co A G. Light sensitive layer. Issued 11-28-33. (28)
- 1,936,963; Dutzmann Heinrich. System of distributing and testing terminals arranged in rows. Issued 11-28-33. (28)
- 1,936,965; Kaempfer Walter. Rail fastening. Issued 11-28-33. (28)
- 1,936,966; Kasantzoff Florentin. Triple valve for compressed air brakes. Issued 11-28-33. (28)
- 1,936,976; All. I G Farbenindustrie A G. Cellulose ester. Issued 11-28-33. (28)
- 1,936,985; All. I G Farbenindustrie A G. Phosphorous and phosphoric acid esters. Issued 11-28-33. (28)
- 1,936,995; All. I G Farbenindustrie A G. Production of nitrogenous condensation products from acetylene and ammonia. Issued 11-28-33. (28)
- 1,937,007; All. Maschinenfabrik Augsburg. Hydraulic press control mechanism. Issued 11-28-33. (28)
- 1,937,015; All. Hesser Fr Maschinenfabrik A G. Device for opening flat bags. Issued 11-28-33. (28)
- 1,937,032; Schlosshauer Alfred. Central lubricating apparatus for consistent grease. Issued 11-28-33. (28)
- 1,937,054; Cremer Carl et al; Weiset Max. Oil filled cable. Issued 11-28-33. (28)
- 1,937,063; All. I G Farbenindustrie A G. Artificial resins derived from mixtures of olefine benzenes or naphthalenes and unsaturated ketones. Issued 11-28-33. (28)
- 1,937,068; 1/2 Ausnit Edgar (57), 1/2 Kelsen Ernst et al. Method of depositing iron. Issued 11-28-33. (6)
- 1,937,073; Stuve Heinrich. Disbarking machine. Issued 11-28-33. (28)
- 1,937,152; Junk Walter. Positive valve control for internal combustion engines. Issued 11-28-33. (28)
- 1,937,158; All. Bergmann Carl. Device for conveying cut tobacco to cigarette making machines. Issued 11-28-33. (28)
- 1,937,183; Arquint Hans. Vehicle body framework. Issued 11-28-33. (28)
- 1,937,206; All. Leitz Ernst Optische Werke. Thermomicroscopic arrangement. Issued 11-28-33. (28)
- 1,937,210; Vogler Bruno. Powder distributor. Issued 11-28-33. (28)
- 1,937,212; Waap Fritz. Method of obtaining supporting power for aircraft. Issued 11-28-33. (28)
- 1,937,226; Horch Rudolf. Apparatus for maintaining the temperature of a fermenting liquid. Issued 11-28-33. (28)
- 1,937,229; Kantorowicz Hermann. Process of cleaning and disinfecting metallic articles. Issued 11-28-33. (28)
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- 1,937,413; All. Miag Muhlenbau und Industrie A G. Apparatus for heat treating materials. Issued 11-28-33. (28)
- 1,937,446; All. Drager Bernhard. Purifying device for air and gas and method of producing the same. Issued 11-28-33. (57)
- 1,937,460; Muhlendyck Wilhelm. Process for removing naphthalene from gases. Issued 11-28-33. (28)
- 1,937,853; Still Carl. Chamber oven for the production of gas and coke. Issued 12-5-33. (28)
- 1,937,866; Bertram Friedrich. Winding gear for tape measures and the like. Issued 12-5-33. (6)
- 1,937,966; Junkers Hugo. Propeller for aircraft. Issued 12-5-33. (28)
- 1,937,977; Meyer Arthur. Device for displacing from the axis to the pipe wall the highest speed in tubes being flowed through. Issued 12-5-33. (28)



- 1,938,007; Bottcher Paul. Car body for closed passenger automobiles. Issued 12-5-33. (28)
- 1,938,011; Soc Italiana Pirelli. Manufacture of rubber and the like. Issued 12-5-33. (38)
- 1,938,016; All. Welle Paul. Coal saving spark catcher. Issued 12-5-33. (28)
- 1,938,028; All. Chiffriermaschinen A G. Electrical coding and decoding device. Issued 12-5-33. (28)
- 1,938,044; All. I G Farbenindustrie A G. Process of preparing esters of the carbohydrates. Issued 12-5-33. (28)
- 1,938,048; Schulze Ernst. Mechanism for the continuous production of slabs of edible fats and the like. Issued 12-5-33. (28)
- 1,938,070; Friedler Fritz. Preparation of sausage casings for stuffing. Issued 12-5-33. (6)
- 1,938,073; All. Lorenz C A G. Electric wave filter. Issued 12-5-33. (28)
- 1,938,129; Arnold Carl. Toy with driving mechanism. Issued 12-5-33. (28)
- 1,938,137; Dietzel Erich. Pulverized fuel furnace. Issued 12-5-33. (28)
- 1,938,144; Herbst Gottfried Johann. Comb cleaner. Issued 12-5-33. (28)
- 1,938,146; All. Hessen Nassaulscher Huttenverein. Washing machine. Issued 12-5-33. (28)
- 1,938,154; Scheller Curt. Flat hosiery frame. Issued 12-5-33. (28)
- 1,938,243; Bek Ernst Gideon. Art of forming and soldering the ends of split rings or links. Issued 12-5-33. (28)
- 1,938,248; All. Soc Italiana Ernesto Breda Per. Valve for continuous automatic moderate brakes. Issued 12-5-33. (38)
- 1,938,298; Meissner Otto. Carburetor. Issued 12-5-33. (28)
- 1,938,483; All. Drager Otto Heinrich. Respiration apparatus. Issued 12-5-33. (28)
- 1,938,508; All. Felten and Guillaume Carls-  
werk. Switch gear installation. Issued 12-5-33. (28)
- 1,938,513; All. Deutsche Gasolin A G. Process for working up naphthenic acids soap containing oily residues. Issued 12-5-33. (28)
- 1,938,527; Marelli Angelo. Grated cheese basin with automatic opening and shutting device. Issued 12-5-33. (38)
- 1,938,584; Drexel Martin. Apparatus for producing accompanying music. Issued 12-12-33. (28)
- 1,938,637; All. Rohrbacher Lederfabrik Josef. Suction chest facing for paper machines and method of manufacturing the same. Issued 12-12-33. (6)
- 1,938,746; All. I G Farbenindustrie A G. Process for rendering fibrous materials noninflammable. Issued 12-12-33. (28)
- 1,938,752; Merk Friedrich. Flat bank multiple for selectors in telephone exchanges. Issued 12-12-33. (28)
- 1,938,804; Burak Mendel. Method of producing solvents and emulsifying agents. Issued 12-12-33. (28)
- 1,939,123; Loblich Werner et al; Loblich Helmut. Tightening and closing device. Issued 12-12-33. (28)
- 1,939,138; Schol Carl Heinrich. Apparatus for treating liquid furnace material. Issued 12-12-33. (28)
- 1,939,162; Caro Nikodem et al; Siebert Werner; Fischer Thomas; Frank Albert Rudolph; Wendlandt Rudolph. Process of producing concentrated nitric acid. Issued 12-12-33. (28)
- 1,939,165; All. I G Farbenindustrie A G. Fertilizers stable for storage and capable of being scattered. Issued 12-12-33. (28)
- 1,939,173; Junkers Hugo. Vibration damper. Issued 12-12-33. (28)
- 1,939,174; Kaselitz Oskar. Production of alkali metal sulphates. Issued 12-12-33. (28)
- 1,939,193; Winkler Alfred et al; Dunnebier Max. Apparatus for withdrawing single sheets from a stack of sheets. Issued 12-12-33. (28)
- 1,939,195; Baier Wilhelm. Closing device for sliding roofs of motor vehicles. Issued 12-12-33. (28)
- 1,939,197; All. Europa Schreibmaschinen A G. Line selector for typewriters. Issued 12-12-33. (28)
- 1,939,220; Mommertz Peter et al; Lenze Franz. Derrick with hauling engine installation for shaft plants with high conveying and rope speeds. Issued 12-12-33. (28)
- 1,939,229; Schmitthenner Carlos. Turbine construction. Issued 12-12-33. (28)
- 1,939,299; Hardt Karl. Wheel brake for motor vehicles. Issued 12-12-33. (28)
- 1,939,313; Lossel Carl. Reinforced concrete sleeper. Issued 12-12-33. (28)
- 1,939,319; All. Koch & Sterzel A G. Transformer apparatus. Issued 12-12-33. (28)
- 1,939,343; Feil Edmund. Stereoscopic projection apparatus. Issued 12-12-33. (28)
- 1,939,345; All. Lorenz C A G. Device for influencing the direction of electric waves. Issued 12-12-33. (28)
- 1,939,347; Greiner Max. Electric horn or other acoustic signal producer. Issued 12-12-33. (28)
- 1,939,350; Jendrassik George. Internal combustion engine. Issued 12-12-33. (34)
- 1,939,355; Konemann Heinrich. Process and apparatus for the production of sounds of any desired tone color. Issued 12-12-33. (28)
- 1,939,400; Lerche Hugo. Depositing and decorating device. Issued 12-12-33. (6)
- 1,939,449; Horn Oskar. Holder or support for telephone instruments. Issued 12-12-33. (6)
- 1,939,457; Merkel Georg. Process of manufacturing low volatile coke. Issued 12-12-33. (28)
- 1,939,463; Rockinger Johann Jr. Automatic trailer coupling. Issued 12-12-33. (28)
- 1,939,484; All. Felten & Guillaume Carls-  
werk A G. Deep sea submarine cable. Issued 12-12-33. (28)
- 1,939,498; Herzberg Franz. Process for gasifying finely divided solid and liquid fuels. Issued 12-12-33. (28)
- 1,939,505; Lieberknecht Karl Richard. Attachment for flat knitting machines. Issued 12-12-33. (28)
- 1,939,508; All. Maybach Motorenbau GmbH. Change speed gear. Issued 12-12-33. (28)
- 1,939,510; Michalk Otto. Twin sole laying press. Issued 12-12-33. (28)
- 1,939,521; All. Vereinigte Stahlwerke A G. Centrifugal process of lining tubes with a bituminous or like material. Issued 12-12-33. (28)
- 1,939,552; All. Jaroslaws Erste Glimmer-  
waren. Conducting wire. Issued 12-12-33. (28)
- 1,939,568; Panhorst Gustav. Adjustable reclining chair. Issued 12-12-33. (28)
- 1,939,625; All. Koepf Rudolph Co Chem Fabrik A G. Method of producing formate of potassium from potassium sulphate and calcium formate or mixtures of constituents adapted to form the latter by way of reaction. Issued 12-12-33. (28)
- 1,939,634; Schmid Arnold Dec. Apparatus for the continuous separation and after separation of nitroglycerine and residuary acid. Issued 12-12-33. (6)
- 1,939,799; All. I G Farbenindustrie A G. Lead of high resistance against the action of hot sulphuric acid. Issued 12-19-33. (28)
- 1,939,806; All. Speidel Chain Co. Process for making a chain structure. Issued 12-19-33. (28)
- 1,939,890; Frischer Hermann. Structural material capable of withstanding halogen hydrocarbons. Issued 12-19-33. (28)
- 1,939,899; All. Fabrik Explosionsssicherer. Apparatus for delivering and measuring liquids. Issued 12-19-33. (28)
- 1,939,924; Schmirrigk Friedrich. Sewage treatment plant. Issued 12-19-33. (28)
- 1,939,937; Werner Fritz. Brine for the transmission of heat and cold. Issued 12-19-33. (28)
- 1,939,942; Baller Anton. Electrical machine. Issued 12-19-33. (6)
- 1,940,049; All. Dap Motor Patent GmbH. Machine having pistons and cylinders arranged around a circumference. Issued 12-19-33. (28)
- 1,940,074; Burmeister Joachim Heinrich Gustav. Joint for pipes and the like. Issued 12-19-33. (28)
- 1,940,096; All. I G Farbenindustrie A G. Additional agent for motor fuels. Issued 12-19-33. (28)
- 1,940,105; All. Badische Maschinenfabrik & Method of and apparatus for manufacturing composition cork sheets. Issued 12-19-33. (28)
- 1,940,187; Salchow Willy. Dark slide for photographic apparatus. Issued 12-19-33. (28)
- 1,940,201; Winkler Kurt. Table. Issued 12-19-33. (28)
- 1,940,290; All. Leitz Ernst Optische Werke GmbH. Opaque illuminator for microscopes. Issued 12-19-33. (28)
- 1,940,341; All. Krupp Fried A G. Treating iron baths. Issued 12-19-33. (28)
- 1,940,358; All. Union Special Maschinenfabrik. Feeding mechanism for sewing machines. Issued 12-19-33. (28)
- 1,940,384; Zoller Arnold. Rotary compressor. Issued 12-19-33. (28)
- 1,940,385; All. I G Farbenindustrie A G. Electrode for accumulators. Issued 12-19-33. (28)
- 1,940,387; All. Elektrische Apparate GmbH. Gyroscopic pendulum. Issued 12-19-33. (28)
- 1,940,427; All. Motorenfabrik Deutz A G. Vertical multicylinder four stroke cycle internal combustion engine. Issued 12-19-33. (28)
- 1,940,430; Morterra Augusto. Peg for holding tents or hangars or for anchoring aircraft and the like. Issued 12-19-33. (38)
- 1,940,434; Nistri Umberto. Wind driven photomachine gun. Issued 12-19-33. (38)
- 1,940,510; Ratellier Parchet Alfred. Fuel injecting device. Issued 12-19-33. (38)
- 1,940,526; All. Universelle Cigarettenmaschinen. Apparatus for sorting cigarettes. Issued 12-19-33. (28)
- 1,940,535; All. Klonne Aug Firm. Apparatus for drawing off heavy gases from above the sealing piston in waterless gas holders. Issued 12-19-33. (28)
- 1,940,542; Goth Imre. Shoe with elastic rubber inlets. Issued 12-19-33. (28)
- 1,940,562; All. Still Carl Firm. Apparatus for charging a horizontal coke oven with a rammed coal charge. Issued 12-19-33. (28)
- 1,940,567; Still Carl. Production of coke and gas in chamber ovens. Issued 12-19-33. (28)
- 1,940,570; Welter Adolf. Process for making shaped rapidly and easily soluble mixtures of soaps and persalts. Issued 12-19-33. (28)
- 1,940,585; Fauth Philipp Lorenz. Continuous extraction and filtration apparatus. Issued 12-19-33. (28)
- 1,940,589; All. I G Farbenindustrie A G. Soluble cellulose esters of higher fatty acids. Issued 12-19-33. (28)
- 1,940,616; All. Demag A G. Excavator. Issued 12-19-33. (28)
- 1,940,629; All. Elektronmetall GmbH. Piston alloy. Issued 12-19-33. (23)

- 1,940,758; All. Metallgesellschaft A G. Process for burning phosphorus. Issued 12-26-33. (28)
- 1,940,795; Gerardi Aldo. Pendular suspension for rear driving wheels of motor vehicles. Issued 12-26-33. (38)
- 1,940,842; Blanc Alberto Carlo. Process for the crystallization of aluminum nitrate obtained in the treatment of leucite and similar silicates. Issued 12-26-33. (38)
- 1,940,944; Fischer Franz; Lieske Rudolf. Process for biologically transforming carbon monoxide into methane. Issued 12-26-33. (28)
- 1,941,036; Lenk Wilhelm. Device for the magneto electric generation of alternating currents for sound production. Issued 12-26-33. (6)
- 1,941,039; Luschenowsky Alexander. Magnesium alloy. Issued 12-26-33. (28)
- 1,941,040; Mann Carl. Process and device for cleaning precious metals especially silver. Issued 12-26-33. (28)
- 1,941,044; All. Universelle Cigarettenmaschinen. Process of crosswise wrapping of goods. Issued 12-26-33. (28)
- 1,941,056; Rohrbeck Fritz. Method and device for polishing two edged razor blades. Issued 12-26-33. (6)
- 1,941,060; All. Universelle Cigarettenmaschinen. Apparatus for manufacturing cigar fillers. Issued 12-26-33. (28)
- 1,941,062; Tober Carl. Comb making device. Issued 12-26-33. (28)
- 1,941,094; Kosik Adalbert. Method of shaping hollow bodies. Issued 12-26-33. (28)
- 1,941,101; Meyer Hans. Process for producing a steel having a lesser tendency to blue fracture and brittleness due to ageing. Issued 12-26-33. (28)
- 1,941,115; All. Vereinigte Stahlwerke A G. Welded spigot and socket safety joint. Issued 12-26-33. (28)
- 1,941,182; All. Nihon Sekiyu Kabushiki Kaisha. Flash point testing machine. Issued 12-26-33. (39)
- 1,941,190; All. Universelle Cigarettenmaschinen. Tobacco supply means for cigarette machines. Issued 12-26-33. (28)
- 1,941,219; All. Universelle Cigarettenmaschinen. Apparatus for directing oval cigarettes. Issued 12-26-33. (28)
- 1,941,268; All. Schmidt Sche Heissdampf. Boiler. Issued 12-26-33. (28)
- 1,941,292; All. Deckel Friedrich. Photographic shutter. Issued 12-26-33. (28)
- 1,941,295; All. Schmidtische Heissdampf des GmbH. Locomotive. Issued 12-26-33. (28)
- 1,941,309; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 12-26-33. (28)
- 1,941,343; Epp Wilhelm. Apparatus for making brushes. Issued 12-26-33. (28)
- 1,941,369; Thomas Heinrich. Sash window. Issued 12-26-33. (28)
- 1,941,391; All. Maschinenfabrik Carl Zangs A G. Machine for winding disk coils. Issued 12-26-33. (28)
- 1,941,392; Engels Bernhard. Process and apparatus for producing compound glass sheets. Issued 12-26-33. (28)
- 1,941,399; All. Maste Karl. Hydraulic buffer with closing. Issued 12-26-33. (28)
- 1,941,416; Pettersson Werner. Improved tobacco product. Issued 12-26-33. (28)
- 1,941,429; All. Universelle Cigarettenmaschinen. Apparatus for supplying a machine with. Issued 12-26-33. (28)
- 1,941,501; Steiner Leo. Grinding and polishing machine for cutting tools. Issued 1-2-34. (34)
- 1,941,506; All. Lissauer M and Cie. Process for recovering nonferrous metals from melts containing metal oxides. Issued 1-2-34. (28)
- 1,941,545; Wark Nikolaus; Eichenberg Georg et al. Process for reducing the dust losses from shaft furnaces. Issued 1-2-34. (28)
- 1,941,621; Ringer Ferdinand. Igniting stick. Issued 1-2-34. (6)
- 1,941,624; Salchow Willy. Photographic apparatus. Issued 1-2-34. (28)
- 1,941,625; Salchow Willy. Dark slide. Issued 1-2-34. (28)
- 1,941,654; Bertsch Rudolf. Shoe lace clasp. Issued 1-2-34. (28)
- 1,941,658; Bucherer Mac. Carburetor. Issued 1-2-34. (28)
- 1,941,684; Hiller August. Band for jewelry purposes. Issued 1-2-34. (28)
- 1,941,699; Loffler Heinrich. Sock suspender. Issued 1-2-34. (28)
- 1,941,712; Ohta Chisada. Hermetic seal for bottles. Issued 1-2-34. (39)
- 1,941,715; Pfisterer Karl. Wide span cable connector for high voltage lines. Issued 1-2-34. (28)
- 1,941,736; All. Metallrelief GmbH. Process of producing plastic pictures from metal foil. Issued 1-2-34. (28)
- 1,941,867; All. Brehmer Gebruder. Pasting mechanism for stitching machines. Issued 1-2-34. (28)
- 1,941,932; Deutsch Emerich. Lock. Issued 1-2-34. (6)
- 1,941,938; Heinemann Karl. Conveying apparatus. Issued 1-2-34. (28)
- 1,941,946; All. Peyinghaus Walter. Lubricating of axle bearings for rail vehicles. Issued 1-2-34. (28)
- 1,941,949; Gerolimich Ermanno; Martinoli Federico et al. Submarine mine layer. Issued 1-2-34. (38)
- 1,941,953; Pump Ernest. Process and machine for manufacturing tubes. Issued 1-2-34. (28)
- 1,941,956; Siebt George. System of electrodes for electric glow discharge tubes. Issued 1-2-34. (28)
- 1,941,957; All. John Werk Grafische Maschinen A G. Knife carrier for paper cutting machines. Issued 1-2-34. (28)
- 1,942,040; Wolff Franz. Dashpot for time lag relays. Issued 1-2-34. (28)
- 1,942,102; All. Chisada Ohta. Hermetic seal for bottles. Issued 1-2-34. (39)
- 1,942,128; Sommer Ernest. Work supporting and guiding means. Issued 1-2-34. (28)
- 1,942,150; Rohn Wilhelm. Alloy for surgical needles. Issued 1-2-34. (28)
- 1,942,159; Andreas Arno. Bag-folding machine. Issued 1-2-34. (28)
- 1,942,165; Richter Hans R; Geffcken Heinrich H et al. Photoelectric tube. Issued 1-2-34. (28)
- 1,942,235; Boggio Aldo. Method and relative device for applying brakes to aeroplane wheels. Issued 1-2-34. (38)
- 1,942,243; All. Schnellpressenfabrik Koenig. Plate depositing table for casting machines. Issued 1-2-34. (28)
- 1,942,249; All. Brehmer Gebr. Apparatus for producing wire staples in coherent strips. Issued 1-2-34. (28)
- 1,942,324; Brangs Julius Jr. Scissors and method of manufacturing the same. Issued 1-2-34. (28)
- 1,942,326; All. Typograph GmbH. Matrix-setting and type-line casting machine. Issued 1-2-34. (28)
- 1,942,349; Wompner Fritz. Slide rule. Issued 1-2-34. (28)
- 1,942,403; All. Siemens & Halske A G. Feeding device for a special lathe. Issued 1-9-34. (28)
- 1,942,478; All. Siemens Elektro Osmose GmbH. Electro-osmotic fractionation of glue and gelatin. Issued 1-9-34. (28)
- 1,942,481; Lobl Oskar. Voltage regulating transformer. Issued 1-9-34. (28)
- 1,942,527; Winkler Alfred et al; Dunnebier Max. Method and apparatus for withdrawing lowest sheets. Issued 1-9-34. (28)
- 1,942,572; Flegler E. Cathode Ray Oscillograph. Issued 1-9-34. (28)
- 1,942,675; Wigger Carl et al; Bomcke Reinold. Wood chipping machine. Issued 1-9-34. (28)
- 1,942,754; Heyssler Heinrich. Time interval indicator. Issued 1-9-34. (6)
- 1,942,778; Scheiber Johannes. Castor oil derivative drying oil and process of producing the same. Issued 1-9-34. (28)
- 1,942,779; Schiffer Hermann Joseph. Alloy steel. Issued 1-9-34. (28)
- 1,942,841; Shimizu Takeo. Daylight screen. Issued 1-9-34. (39)
- 1,942,886; Uebler Bruno. Method of producing nitrates and recovery of nitric oxide. Issued 1-9-34. (28)
- 1,942,887; Vanni Pier Giorgio. Piston. Issued 1-9-34. (38)
- 1,943,013; All. Hesser Maschinenfabrik AG. Filling device for packing machines. Issued 1-9-34. (28)
- 1,943,022; Koster Friedrich. Mount for pictures photographs and the like. Issued 1-9-34. (28)
- 1,943,031; Meissner Josef. Process of continuous production of nitropentaerythrite tetranitromethylamine trinitroresorcine and similar nitrocompounds. Issued 1-9-34. (28)
- 1,943,078; Kahl Leopold. Process for the recovery of indene. Issued 1-9-34. (28)
- 1,943,079; Kienzle Herbert. Electrically-driven clock. Issued 1-9-34. (28)
- 1,943,085; All. Lechler Firma Paul. Coating masonry. Issued 1-9-34. (28)
- 1,943,091; Schmidt Wilhelm Kurt. Compressor. Issued 1-9-34. (28)
- 1,943,123; All. Schull Felix. Process of welding. Issued 1-9-34. (28)
- 1,943,145; Ruegenberg Gottfried. Method of producing packing strips. Issued 1-9-34. (28)
- 1,943,147; All. Universelle Cigarettenmaschinen. Process for the manufacture of two-part boxes. Issued 1-9-34. (28)
- 1,943,149; All. Universelle Cigarettenmaschinen. Process for preparing raw tobacco for and tobacco cutting machine. Issued 1-9-34. (28)
- 1,943,152; Weiss Jenö. Method of irrigating. Issued 1-9-34. (34)
- 1,943,153; Wirth Alfred. Roller straightening machine. Issued 1-9-34. (28)
- 1,943,178; All. Schubert & Salzer Maschinenfabrik & O G. Method of knitting stockings on flat knitting machines. Issued 1-9-34. (28)
- 1,943,212; Deutsch Nikolaus. Thread drawing device. Issued 1-9-34. (34)
- 1,943,221; All. Zellstoffabrik Waldhof. Cellulose digester. Issued 1-9-34. (28)
- 1,943,230; Walter Carl. Nonreversing hand crank. Issued 1-9-34. (28)
- 1,943,256; All. Luftschiffbau Zeppelin G Mit Be H. Light-weight girder for aircraft. Issued 1-9-34. (28)
- 1,943,286; Burg Eugen. Burner for furnaces. Issued 1-16-34. (28)
- 1,943,319; All. Farb & Gerbstoffwerke Carl Fleschoor. Manufacture of sulphonated oils and fats. Issued 1-16-34. (28)
- 1,943,380; Freundorfer Roman Freundorfer Theodor et al. Process of making orthochromatic collodion emulsion dry plates. Issued 1-16-34. (28)
- 1,943,387; Jung Karl. Optical aiming device for machine guns. Issued 1-16-34. (28)
- 1,943,390; Oser Alfred. Apparatus for mounting samples on cards and the like. Issued 1-16-34. (6)
- 1,943,432; Grob Hugo. Armature construction for dynamo-electric machines. Issued 1-16-34. (28)
- 1,943,491; All. Barmer Maschinenfabrik A G. Gear wheel pump for artificial silk spinning machines. Issued 1-16-34. (28)
- 1,943,500; Dunnebier Max Winkler Alfred et al. Apparatus for handling sheets and the like. Issued 1-16-34. (28)



- 1,943,521; All. Siemens & Halske A G. Lens for optical purposes. Issued 1-16-34. (28)
- 1,943,558; Schaefer Josef. Regenerative oven. Issued 1-16-34. (28)
- 1,943,562; Still Carl. Chamber oven for coal distillation. Issued 1-16-34. (28)
- 1,943,634; Still Carl. Cokeoven charging machine. Issued 1-16-34. (28)
- 1,943,635; Still Carl. Coal-charging truck. Issued 1-16-34. (28)
- 1,943,637; Sturm Erwin. High-pressure rotary engine especially for hydraulic transmissions. Issued 1-16-34. (28)
- 1,943,704; Topfer Georg. Steering wheel lock. Issued 1-16-34. (28)
- 1,943,810; B'um Richard. Cigarette Package. Issued 1-16-34. (28)
- 1,943,898; Muller Carl. Method and means for analyzing and translating energy forms. Issued 1-16-34. (28)
- 1,943,899; Muller Carl. Method and means for analyzing and translating energy forms. Issued 1-16-34. (28)
- 1,943,900; Muller Carl. Picture transmitting apparatus. Issued 1-16-34. (28)
- 1,943,917; Josky Walter. Prevention of skidding of vehicles. Issued 1-16-34. (28)
- 1,943,942; All. Fabbrica Italiana Magneti Marelli S A. Flexible coupling. Issued 1-16-34. (38)
- 1,944,020; Vogel Max. Envelope. Issued 1-16-34. (28)
- 1,944,063; Brauner Fritz. Loading device specially for trucks. Issued 1-16-34. (6)
- 1,944,071; All. Ottensener Waagenfabrik Albert. Weighing device or balance. Issued 1-16-34. (28)
- 1,944,086; All. Stug Kohlenstaubfeuerung. Pulverized fuel furnace. Issued 1-16-34. (28)
- 1,944,132; Naewiger Wilhelm. Roll film for photographic cameras. Issued 1-16-34. (28)
- 1,944,239; Hernef Hermann. Electric wind dynamo. Issued 1-23-34. (28)
- 1,944,278; Schultz Hermann. Refractory lining for crucibles and the like. Issued 1-23-34. (28)
- 1,944,301; All. I G Farbenindustrie A G. Process for producing bleaching powder. 1-23-34. (28)
- 1,944,323; Kliching Karl. Coated metal foil and method of manufacture thereof. Issued 1-23-34. (28)
- 1,944,327; Hunyady Shephen. Process of obtaining aluminum oxide or the like. Issued 1-23-34. (34)
- 1,944,353; Lindner Herbert. Apparatus for testing the hardness of grinding disks. Issued 1-23-34. (28)
- 1,944,373; Scheibe Paul. Mangling Roller. Issued 1-23-34. (28)
- 1,944,391; Altpeter Ludwig. Centrifugal. Issued 1-23-34. (28)
- 1,944,529; All. Erz Und Kohle Flotation GmbH. Flotation process. Issued 1-23-34. (28)
- 1,944,555; Germershausen Werner. Electrical discharging rectifier with a plurality of anodes. Issued 1-23-34. (28)
- 1,944,562; All. Electra Lackwerke GmbH System. Manufacture of insulating material. Issued 1-23-34. (28)
- 1,944,579; All. Lorenz C A G. Synchronous alternating-current motor. Issued 1-23-34. (28)
- 1,944,588; Osobe Sotojiro. Process for japa-ning on concrete surfaces. Issued 1-23-34. (39)
- 1,944,597; Fischer Oskar. Inking apparatus for typewriting machines having type cylinders. Issued 1-23-34. (28)
- 1,944,598; All. Chemische Fabrik Grunau Landshoff. Proces for the manufacture of boric acid. Issued 1-23-34. (28)
- 1,944,615; Schonfeld Paul. Transferring device. Issued 1-23-34. (28)
- 1,944,637; All. Soc Italiana Firelli. Apparatus for locating oil leaks in cables. Issued 1-23-34. (38)
- 1,944,651; All. Maschinenfabrik Weingarten Vorm. Universal machine for canting and circular bending. Issued 1-23-34. (28)
- 1,944,682; All. Maybach Motorenbau GmbH. Transmission gearing. Issued 1-23-34. (28)
- 1,944,728; All. Maschinenfabrik Augsburg. Matrix molding press. Issued 1-23-34. (28)
- 1,944,731; All. I G Farbenindustrie A G. Organic compound having hydrogenated ring systems and process of preparing. Issued 1-23-34. (28)
- 1,944,732; All. I G Farbenindustrie A G. Compounds having hydrogenated ring systems and process of preparing them. Issued 1-23-34. (28)
- 1,944,794; Klinger Friedrich. Method for the continuous production of envelopes etc. Issued 1-23-34. (28)
- 1,944,796; Lengersdorff Max; Lengersdorff Willy et al. Apparatus for preparing ceramic articles. Issued 1-23-34. (28)
- 1,944,813; Schmid Fritz. Manufacture of paints enamels etc. Issued 1-23-34. (28)
- 1,944,883; Gerlich Hermann. Projectile propelling apparatus. Issued 1-30-34. (28)
- 1,944,884; Gerlich Thorismund; Gustav Hermann Ernst et al. Bullet. Issued 1-30-34. (28)
- 1,944,962; Behrend Bruno. Manufacture of edible fats. Issued 1-30-34. (28)
- 1,944,983; Kampf Adolf. Viscosimeter. Issued 1-30-34. (28)
- 1,944,990; All. Soc Italiana Ernesto Breda Per. Aircraft covering. Issued 1-30-34. (38)
- 1,945,014; Wrede Franz. Method and means for establishing secret communication. Issued 1-30-34. (28)
- 1,945,067; All. Vereinigt Chemische Fabriken Kreimt. Process for the photochemical oxidation of organic and inorganic compounds. Issued 1-30-34. (6)
- 1,945,203; Schiske Rudolf. Liquid level gauge. Issued 1-30-34. (6)
- 1,945,248; Dunnebie Max; Winkler Alfred et al. Device for removing from a pile of sheets the sheet lowermost at the time. Issued 1-30-34. (28)
- 1,945,266; Einsele Robert. Fastener for bracelets adjustable in size. Issued 1-30-34. (28)
- 1,945,302; Zanzi Albino. Process for manufacturing machine parts. Issued 1-30-34. (38)
- 1,945,410; Antoni Ugo. Demountable wheel. Issued 1-30-34. (38)
- 1,945,417; All. Typograph GmbH. Matrix-setting and type-line casting machine. Issued 1-30-34. (28)
- 1,945,500; All. Edeleanu GmbH. Method of treating lubricating oil. Issued 1-30-34. (28)
- 1,945,570; Rudolph Paul. Lens system. Issued 2-6-34. (28)
- 1,945,586; All. Siemens & Halske A G. Manufacturing goffering cylinders for engraving lenticular elements on films. Issued 2-6-34. (28)
- 1,945,619; Ortmeyer Hermann. Installation for recooling the air in circulation air cooling installations. Issued 2-6-34. (28)
- 1,945,623; All. Egyesult izzolampa es Villamossags. Electrodepositions of alkaline earth metal compounds on metal. Issued 2-6-34. (34)
- 1,945,680; All. Atlas Werke A G. Hydraulic four-way valve. Issued 2-6-34. (28)
- 1,945,686; Hellmers Heinrich Albert. Process for producing wall papers from peeled wood veneers. Issued 2-6-34. (28)
- 1,945,709; Simons Paul. Method and means for insulating electric conductors. Issued 2-6-34. (28)
- 1,945,752; Pagano Andrea Riccardo. Cam lever closing arrangement for pressure cooking pots. Issued 2-6-34. (38)
- 1,945,767; Kufferath Josef; Bergerhausen Paul et al. Dental plate. Issued 2-6-34. (28)
- 1,945,768; All. Dicken Kurt. Process for lowering the consumption of light in color photography. Issued 2-6-34. (28)
- 1,945,913; All. I G Farbenindustrie A G. Process for producing stable bleaching powder. Issued 2-6-34. (28)
- 1,945,914; All. I G Farbenindustrie A G. Production of water soluble phosphate compounds. Issued 2-6-34. (28)
- 1,945,917; Scarpa Guisepe. Insulation of leads to electrical condensers. Issued 2-6-34. (38)
- 1,945,935; All. Siemens & Halske A G. Apparatus for making embossing cylinders. Issued 2-6-34. (28)
- 1,945,984; All. Electroacoustic GmbH. Arrangement for preventing crosstalk in subaqueous sound installations. Issued 2-6-34. (28)
- 1,946,001; All. Novopan Studiengesellschaft. Cereals or the like machine for making dough. Issued 2-6-34. (28)
- 1,946,011; Burg Eugen. Coal dust furnace. Issued 2-6-34. (28)
- 1,946,020; All. Deutsche Gold und Silber. Apparatus for producing anhydrous ethyl alcohol directly from mashes and the like. Issued 2-6-34. (28)
- 1,946,066; Eschner Josef. Parachute. Issued 2-6-34. (6)
- 1,946,068; Friedrich Hans. Method of treating polyhalite. Issued 2-6-34. (28)
- 1,946,081; All. Elektronmetall GmbH. Light metal piston. Issued 2-6-34. (28)
- 1,946,177; Neurath Egon. Clutching mechanism. Issued 2-6-34. (6)
- 1,946,213; Jung Karl. Telescopic sight. Issued 2-6-34. (28)
- 1,946,240; Rohn Wilhelm. Hot rolling steel strips. Issued 2-6-34. (28)
- 1,946,253; Winkle Eugen. Copying lathe for shoe lasts and the like. Issued 2-6-34. (28)
- 1,946,323; Kucharski Stanislaus. Device for taking photographs in series. Issued 2-6-34. (28)
- 1,946,327; All. Minami Manshu Tetsudo Kabushiki. Method of manufacturing a magnesia cement. Issued 2-6-34. (39)
- 1,946,333; All. Hanseatische Muhlenwerke A G. Process for the production of rubber mixture. Issued 2-6-34. (28)
- 1,946,345; All. Boedringer C H Sohn. Process for preparing iobelia alkaloids their derivatives and allied compounds. Issued 2-6-34. (28)
- 1,946,347; Banning Helmut. Hollander. Issued 2-6-34. (28)
- 1,946,358; Porsche Ferdinand et al; Rabe Karl C. Articulated differential gear particularly for motor vehicles. Issued 2-6-34. (28)
- 1,946,404; Konemann Heinrich. Reproduction of sound from sound film records. Issued 2-6-34. (28)
- 1,946,414; All. Schmid Karl. Process for separating nitroglycerine from residual acids. Issued 2-6-34. (28)
- 1,946,415; All. Schmid Karl. Process for the continuous separation of nitroglycerine and residuary acid. Issued 2-6-34. (28)
- 1,946,434; Bach Hans. Electric cigar lighter. Issued 2-6-34. (28)
- 1,946,512; Hanfstengel Georg von. Sealing ring for use in gas holders of disk type. Issued 2-13-34. (28)
- 1,946,721; Still Carl. Process of obtaining valuable light oils from the distillation of coal. Issued 2-13-34. (28)
- 1,946,765; Scheffer Victor. Shaving soap. Issued 2-13-34. (34)
- 1,947,120; All. Stickstoffdunger A G. Apparatus for preparing acetylene and simultaneously producing substantially dry calcium hydroxide. Issued 2-13-34. (28)
- 1,947,299; All. Union Special Maschinefabrik. Machine for simultaneously forming independent stitched seams. Issued 2-13-34. (28)

- 1,947,302; Meiwald Franz. Cord-shaped knitting covered bodies and method of making same. Issued 2-13-34. (6)
- 1,947,392; Stoll Karl Guntermann Wilhelm et al. Hollow rod. Issued 2-13-34. (28)
- 1,947,398; Stuhler Martin. Agitating machine. Issued 2-13-34. (28)
- 1,947,409; All. Gerdt's Gustav F. Blow-off valve. Issued 2-13-34. (28)
- 1,947,411; Geyger Wilhelm. Electrical integrating device. Issued 2-13-34. (28)
- 1,947,513; Bergmann Max. Process for the after treatment of leather. Issued 2-20-34. (28)
- 1,947,522; Fluss Viktor. Process of removing fatty and pitchy matters from animal fibres and for making them more readily feltable. Issued 2-20-34. (6)
- 1,947,559; Mackensen Otto. Bearing. Issued 2-20-34. (28)
- 1,947,591; Gubloff Fritz. Automatically acting marking and cutting device for machines for producing and treating strip-shaped bodies. Issued 2-20-34. (28)
- 1,947,601; All. I G Farbenindustrie A G. Production of mixed fertilizers ammonium nitrate. Issued 2-20-34. (28)
- 1,947,620; All. Mercedes Buro Maschinen Werke A G. Calculating machine. Issued 2-20-34. (28)
- 1,947,630; Wernert Karl. Submersible pump. Issued 2-20-34. (28)
- 1,947,643; Eisele Leopold. Resilient wheel for motor vehicles of all kinds. Issued 2-20-34. (28)
- 1,947,648; All. Oberschlesischer Bergund. Process for the production of pure phenol cresols and benzol hydro carbons from crude tar phenols. Issued 2-20-34. (28)
- 1,947,670; Wolf Peter. Machine for tying parcels by means of wire. Issued 2-20-34. (28)
- 1,947,671; All. Alterum Kredit A G. Manufacture of alkali carbonate or alkali hydroxide and byproducts of ammonia or ammonium salts. Issued 2-20-34. (28)
- 1,947,780; All. Deutsche Gasgluhlicht Auer GmbH. Single evaporator for absorption machines. Issued 2-20-34. (28)
- 1,947,843; Ganskow Otto E H. Apparatus for trimming and grooving electrotype plates and the like. Issued 2-20-34. (28)
- 1,947,923; All. I G Farbenindustrie A G. Device for measuring the ratio of the ingredients in a mixture of gases or liquids. Issued 2-20-34. (28)
- 1,947,928; Beck Karl. Process of improving or modifying acetyl cellulose textile material. Issued 2-20-34. (28)
- 1,947,929; All. Soc Italiana Pirelli. Restrictor. Issued 2-20-34. (38)
- 1,947,939; All. I G Farbenindustrie A G. New copper oxide ammonia cellulose solutions. Issued 2-20-34. (28)
- 1,947,960; Winkler Franz. Vehicle wheel hub. Issued 2-20-34. (28)
- 1,947,961; Winkler Franz. Free wheel hub with coaster brake. Issued 2-20-34. (28)
- 1,947,964; Beckmann Hugo. Manufacture of scissors. Issued 2-20-34. (28)
- 1,947,983; All. Kohlentechnik GmbH. Removal of sulphur and of sulphur and ammonia from gases. Issued 2-20-34. (28)
- 1,947,989; All. Riebeck Sche A Montanwerke A G. Method of oxidizing hydrocarbons. Issued 2-20-34. (28)
- 1,947,997; All. I G Farbenindustrie A G. Products of dimethylolureas. Issued 2-20-34. (28)
- 1,948,002; All. I G Farbenindustrie A G. Production of carbonates. Issued 2-20-34. (28)
- 1,948,058; Von Szeszich Lajos. Destructive hydrogenation of carbonaceous materials. Issued 2-20-34. (28)
- 1,948,071; Hofmann Felix et al; Rohl Fritz F. Method and equipment for lapping spur helical and internal gears. Issued 2-20-34. (28)
- 1,948,072; Magnus Hans. Apparatus for treating hydrocarbons. Issued 2-20-34. (28)
- 1,948,106; Franck Hans Heinrich. Process for the preparation of metal cyanamides or mixtures containing the same. Issued 2-20-34. (28)
- 1,948,114; Janssen Guido. Method of building and construction for underground railroads. Issued 2-20-34. (28)
- 1,948,119; Lobl Oskar. Method of and apparatus for converting polyphase current into single-phase current. Issued 2-20-34. (28)
- 1,948,128; Poeggel Erich. Grinding and polishing device. Issued 2-20-34. (28)
- 1,948,166; Conradt Ottmar. Holder for incandescent lamps. Issued 2-20-34. (28)
- 1,948,242; Schubarth Ernst. Method of and means for pressing metal articles. Issued 2-20-34. (28)
- 1,948,306; Mieurer Mikolaus. Liquid sprayer. Issued 2-20-34. (28)
- 1,948,375; All. Hoerbiger and Co. Annular valve. Issued 2-20-34. (6)
- 1,948,379; All. Elektrische Lot und Schweiss. Apparatus and method for applying strips of solder to sheet metal. Issued 2-20-34. (28)
- 1,948,400; All. Hydraulik GmbH. Metal extrusion press. Issued 2-20-34. (28)
- 1,948,417; All. Koch and Sterzel A G. High potential transformer. Issued 2-20-34. (28)
- 1,948,419; Granigg Bartel. Method of and means for the magnetic separation of materials. Issued 2-20-34. (6)
- 1,948,439; All. Felten and Guilleaume Carlswerk. Electric power cable. Issued 2-20-34. (28)
- 1,948,448; Rohn Wilhelm. Turbine blade. Issued 2-20-34. (28)
- 1,948,461; Kreidl Ignaz. Production of opaque glasses and enamels. Issued 2-20-34. (6)
- 1,948,463; Metthes Ernst. Curling and marcel iron. Issued 2-20-34. (28)
- 1,948,480; All. Klingelberg W. Ferd Sohne. Automatic machine for hardening gears. Issued 2-20-34. (28)
- 1,948,527; All. Maschinenfabrik Augsburg. Passenger lift for disk gasholders. Issued 2-27-34. (28)
- 1,948,604; All. Bekk Dr. & Kaulen Chemische. Process for the photochemical production of forms or patterns for planographic printing. Issued 2-27-34. (28)
- 1,948,637; Vogt Hans. Electrostatic loudspeaker. Issued 2-27-34. (28)
- 1,948,668; Kuchler Franz Albert. Distributor for finely divided material. Issued 2-27-34. (28)
- 1,948,682; Shiller Adolf. Manufacture of glassware. Issued 2-27-34. (28)
- 1,948,683; Schlenker Ernst. Process for the approximate separation of solid and liquid fatty acids. Issued 2-27-34. (28)
- 1,948,691; Bauer Bruno. Steel skeleton for reinforced concrete structures. Issued 2-27-34. (6)
- 1,948,704; All. Lorenz C AG. Method of operating high-frequency furnaces. Issued 2-27-34. (28)
- 1,948,742; Andreas Arno. Apparatus for manufacturing cement and the like. Issued 2-27-34. (28)
- 1,948,796; Muller Erich. Rotating shears with movable nonoperative knives for cutting running material of any required length. Issued 2-27-34. (28)
- 1,948,889; Simon Ernst. Dowel pin stud or the like. Issued 2-27-34. (28)
- 1,948,903; All. I G Farbenindustrie A G. Process for improving acyl cellulose. Issued 2-27-34. (28)
- 1,948,912; Geyger Wilhelm. Rotating armature quotient measuring instrument. Issued 2-27-34. (28)
- 1,948,922; Jyrch Herbert. Resilient support for motor cars. Issued 2-27-34. (28)
- 1,948,958; All. Brunsviga Maschinenwerke Grimme. Adding machine frame construction. Issued 2-27-34. (28)
- 1,948,991; All. Zahnradfabrik Friedrichshafen A G. Brake lever construction. Issued 2-27-34. (28)
- 1,948,998; Von Rechenberg Hans Albrecht Freiherr. Rotary separator. Issued 2-27-34. (28)
- 1,949,000; Yano S Igenari. Process for recuperating rosin size already applied to papers. Issued 2-27-34. (39)
- 1,949,012; All. Generaldirektion Der. Method of preparing tobacco free from nicotine. Issued 2-27-34. (6)
- 1,949,034; Yamamoto Seichi. Method of manufacturing a leather substitute. Issued 2-27-34. (39)
- 1,949,129; All. Chemische Fabrik Kalk GmbH. Process for the conversion of the gypsum contained in superphosphate into ammonium sulphate. Issued 2-27-34. (28)
- 1,949,167; All. Maybach Motorenbau GmbH. Change speed gearing. Issued 2-27-34. (28)
- 1,949,168; All. Maybach Motorenbau GmbH. Change speed gear. Issued 2-27-34. (28)
- 1,949,177; Otto Carl. Device for controlling agents of combustion. Issued 2-27-34. (28)
- 1,949,256; All. Lorenz C A G. Radio direction finder. Issued 2-27-34. (28)
- 1,949,313; All. Vereinigte Stahlwerke A G. Process for improving cobalt molybdenum alloys. Issued 2-27-34. (28)
- 1,949,318; Markowsky Fritz. Footwear. Issued 2-27-34. (28)
- 1,949,340; All. Universelle Cigarettenmaschinen. Cutting apparatus for continuous rod cigarette making machines. Issued 2-27-34. (28)
- 1,949,467; All. Siemens Elektro Osmose GmbH. Electro-osmotic purification of liquids. Issued 3-6-34. (28)
- 1,949,546; All. Reinecker J E A G. Gear cutting machine. Issued 3-6-34. (28)
- 1,949,599; Bregger Nikolaus. Metal working. Issued 3-6-34. (6)
- 1,949,616; Messer Adolf. Freezing out of water vapors contained in compressed gases or gas mixtures to be liquefied. Issued 3-6-34. (28)
- 1,949,789; Dussmann August. Fuel pump for Diesel engines. Issued 3-6-34. (28)
- 1,949,795; Geh Rudolf. Device for measuring workpieces. Issued 3-6-34. (28)
- 1,949,796; All. Himmelwerk A G. Pump or impeller. Issued 3-6-34. (28)
- 1,949,797; Kaufmann Hans. Process of producing compositions of matter containing sulphur in colloidal distribution. Issued 3-6-34. (28)
- 1,949,808; Pedrazzo Giovanni. Alternating current machine. Issued 3-6-34. (38)
- 1,949,809; Pedrazzo Giovanni. Alternating electric current static transformer. Issued 3-6-34. (38)
- 1,949,839; All. Brehmer Gebruder. Method of and mechanism for feeding folded sheets to sheet opening devices in a sheet handling machine. Issued 3-6-34. (28)
- 1,949,895; Bernardini Luigi. Process of producing foodstuffs. Issued 3-6-34. (38)
- 1,949,911; Hepner Fritz J. Photographic developer. Issued 3-6-34. (28)
- 1,949,990; All. I G Farbenindustrie A G. Treating hides skins leather or the like. Issued 3-6-34. (28)
- 1,950,057; All. Eisenwerk Vorm Nagel & Kaemp A G. Operating mechanism for grab buckets. Issued 3-6-34. (28)
- 1,950,065; All. Verkaufsstelle des Internationales. Closing device for tins. Issued 3-6-34. (28)
- 1,950,068; Spangenberg Paul. Production of nutrient salt solutions. Issued 3-6-34. (28)
- 1,950,087; All. Anker Werke A G. Method of producing a table top for a sewing machine of the disappearing type. Issued 3-6-34. (28)



- 1,950,106; All. Chemische Fabrik Grunau Landshoff. Process for the manufacture of boric acid from sodium tetraborate. Issued 3-6-34. (28)
- 1,950,149; All. Universum Film A G. Driving gear. Issued 3-6-34. (28)
- 1,950,177; All. Universelle Cigaretten. Grinder for fly cutters. Issued 3-6-34. (28)
- 1,950,253; All. Lieberknecht Karl GmbH. Jackhead. Issued 3-6-34. (28)
- 1,950,263; Pellegrino Mario; Pellegrino Giuseppe et al. Drying apparatus for malt and similar grain. Issued 3-6-34. (38)
- 1,950,268; Roos Hermann; Gunga Franklin et al. Formed half coil for the excitation of rotating field magnets. Issued 3-6-34. (28)
- 1,950,286; Barkow Carl. Means for deodorizing sanitary napkins. Issued 3-6-34. (28)
- 1,950,313; All. Lindes Eismaschinen A G. Rectification. Issued 3-6-34. (28)
- 1,950,315; Gerngross Otto; Ulrich Werner; Lockemann Georg et al; Rulke Kurt. Disinfectant composition. Issued 3-6-34. (28)
- 1,950,332; Von Pechmann Paul. Hydraulic actuating means for lathe slides. Issued 3-6-34. (28)
- 1,950,333; Von Szeslich Lajos. Destructive hydrogenation of carbonaceous materials. Issued 3-6-34. (28)
- 1,950,416; All. Grimes Johs & Co. Process of making imitation astrachan fur. Issued 3-13-34. (28)
- 1,950,460; Steffen Erich et al. Process for the conversion of oxygen containing carbon substances. Issued 3-13-34. (28)
- 1,950,473; Brand Hans Bartolo et al. Apparatus for producing films which being exhibited show stereoscopic cinematographic pictures. All. Schering Kahlbaum A G. Hydroxy 3 5 di iodo pyridine 2; carboxylic acid. Issued 3-13-34. (28)
- 1,950,651; All. Euberssehhandel GmbH. Process for gluing wood in the manufacture of plywood. Issued 3-13-34. (28)
- 1,950,701; Spangenberg Paul. Method of treating seeds with a nutrient salt solution. Issued 3-13-34. (28)
- 1,950,702; Thoma Friedrich. Nipple fastener for nursing bottles. Issued 3-13-34. (28)
- 1,950,740; Muller Carl Wilhelm. Cigarette carton. Issued 3-13-34. (28)
- 1,950,820; All. Deutsche Tornesit GmbH. Coating materials. Issued 3-13-34. (28)
- 1,950,827; All. I G Farbenindustrie A G. Process for the manufacture of alkyl halides. Issued 3-13-34. (28)
- 1,950,831; Wikkenhauser Gustav; Von Okolicsanyi Franz et al. Synchronizing apparatus for television receivers. Issued 3-13-34. (28)
- 1,950,843; Fischer Alexander Otto. Thermostatically-controlled latch. Issued 3-13-34. (28)
- 1,950,844; Forster Albert. Change speed gear. Issued 3-13-34. (38)
- 1,950,866; All. Universelle Cigarettenmaschinen. Pressing apparatus for the manufacture of cigar filers. Issued 3-13-34. (28)
- 1,950,942; Haas Hermann. Drying apparatus. Issued 3-13-34. (28)
- 1,950,981; All. Kohlentechnik GmbH. Treatment and purification of certain gases. Issued 3-13-34. (28)
- 1,951,042; All. Pfingstmann Werke A G. Roller bearing cage. Issued 3-13-34. (28)
- 1,951,152; Janssen Guido. Sheet metal piling unit. Issued 3-13-34. (28)
- 1,951,213; Schlumbohm Peter. Color filter mirror. Issued 3-13-34. (28)
- 1,951,214; Schlumbohm Peter. Tinted toilet mirror. Issued 3-13-34. (28)
- 1,951,224; Von Obeastadt Peter Franz Graf Bopp. Master cylinder for brakes. Issued 3-13-34. (28)
- 1,951,250; Maister Hanns Georg. Process of producing calcium butyrate. Issued 3-13-34. (28)
- 1,951,254; All. Leitz Ernst Optische Werke GmbH. Electro-optical testing device for acoustic signals and sounds. Issued 3-13-34. (28)
- 1,951,260; All. Chemische Produkte Vormals H. Method of Producing glue from bones. Issued 3-13-34. (28)
- 1,951,264; All. Leitz Ernst Optische Werke GmbH. Setting for the objective of photographic cameras. Issued 3-13-34. (28)
- 1,951,334; Bohling Rudolf Hieronymus Method and apparatus for manufacturing pipe bends and the like. Issued 3-20-34. (28)
- 1,951,422; Klemperer Edith. Anatomical model. Issued 3-20-34. (6)
- 1,951,517; Maul Michael. Record sheet feed mechanism. Issued 3-20-34. (28)
- 1,951,518; All. I G Farbenindustrie A G. Production of solid urea or products rich in urea. Issued 3-20-34. (28)
- 1,951,535; All. Hartmann Rud A. A G. Apparatus for supplying the material to be treated into boilers under pressure. Issued 3-20-34. (28)
- 1,951,572; All. Hesser Fr Maschinenfabrik A G. Machine for filling and closing bags. Issued 3-20-34. (28)
- 1,951,589; All. Universelle Cigarettenmaschinen. Means for distributing cigarettes delivered from a continuous rod cigarette machine. Issued 3-20-34. (28)
- 1,951,618; Lindemann Herbert. Method of making rubber sponge. Issued 3-20-34. (28)
- 1,951,682; Varren Alexander. Zero printing device for cash registers and calculating machines. Issued 3-20-34. (28)
- 1,951,693; Guaitierotti Guaitiero. System for colored cinematographic projection by addition synthesis. Issued 3-20-34. (38)
- 1,951,943; All. Iso GmbH. Method of producing a prepared breaking point in ampullae. Issued 3-20-34. (28)
- 1,951,814; All. Lawaczek GmbH. Insulating element for electrolytic cells. Issued 3-20-34. (28)
- 1,951,827; Frommer Geza. process and machine for combing and ironing of skins. Issued 3-20-34. (34)
- 1,951,828; Ohly Carl et al; Heymann Hans. Unbalance indicating device. Issued 3-20-34. (28)
- 1,951,880; Niederhofer Johann. Electric device for cutting gypso-plastic dressings. Issued 3-20-34. (28)
- 1,951,893; Winklers Julius Jr. Electro deposition of metal alloys. Issued 3-20-34. (28)
- 1,951,895; Bauer Karl. Stair. Issued 3-20-34. (28)
- 1,951,896; Bempohl Wilhelm. Photographic camera. Issued 3-20-34. (28)
- 1,951,914; Junkers Hugo. Riveting device. Issued 3-20-34. (28)
- 1,951,934; Horii Shinjiro. Duplicator. Issued 3-20-34. (39)
- 1,951,939; Konemann Heinrich. Light source. Issued 3-20-34. (28)
- 1,951,968; All. Vogel & Noot. Device for the tightening of radiators. Issued 3-20-34. (6)
- 1,951,977; Hanus Ewald. Grinding the treads of wheel rims for rail vehicles and the like. Issued 3-20-34. (28)
- 1,951,990; All. Pintsch Julius A G. Water gas generator. Issued 3-20-34. (28)
- 1,951,996; All. Miag Muhlenbau und Industrie f. G. Brewing pan. Issued 3-20-34. (28)
- 1,952,006; Wloka Max. Automatic razor blade etching machine. Issued 3-20-34. (28)
- 1,952,032; All. Schnellpressenfabrik Koenig & Baunz. Printing press. Issued 3-20-34. (6)
- 1,952,035; Bruck Stephan. Chuck for gripping the inner and the outer periphery of hollow articles. Issued 3-20-34. (28)
- 1,952,232; Axien Leo. Flexible coupling. Issued 3-27-34. (28)
- 1,952,233; All. I. G. Farbenindustrie A G. Process for the manufacture of conversion products of colophony and product thereof. Issued 3-20-34. (28)
- 1,952,241; All. Eckert and Ziegler GmbH. Extrusion press for thermoplastic materials. Issued 3-27-34. (28)
- 1,952,243; All. I G Farbenindustrie A G. Easily workable masses from phenolformaldehyde condensation. Issued 3-27-34. (28)
- 1,952,255; All. I G Farbenindustrie A G. Synthetic precious stone. Issued 3-27-34. (28)
- 1,952,256; All. I. G. Farbenindustrie A G. Synthetic precious stone. Issued 3-27-34. (28)
- 1,952,290; All. Norddeutsche Affinerie. Process for the recovery of arsenic. Issued 3-27-34. (28)
- 1,952,236; All. Universelle Cigarettenmaschinen. Tobacco feeding apparatus. Issued 3-27-34. (28)
- 1,952,359; Bosco Adalgiso. Phonographic apparatus and phonographic record. Issued 3-27-34. (38)
- 1,952,380; Leemann Edwin. Wall structure. Issued 3-27-34. (38)
- 1,952,487; Biffi Egisto. Metallic cover for boxes tins flasks and like articles. Issued 3-27-34. (38)
- 1,952,540; Donath Erika. Round game. Issued 3-27-34. (28)
- 1,952,560; Moller Heinrich. Drawing process for production of round rods. Issued 3-27-34. (28)
- 1,952,598; All. I G Farbenindustrie A G. Production of condensation products of urea and formaldehyde. Issued 3-27-34. (28)
- 1,952,646; Ackermann Gottlieb. Safety valve. Issued 3-27-34. (28)
- 1,952,668; Gotti Pietro. Tensioning device for wires cables and the like. Issued 3-27-34. (38)
- 1,952,676; All. I G Farbenindustrie A G. Oil soluble synthetic resins. Issued 3-27-34. (28)
- 1,952,809; Kuchenmeister Heinrich. Sound reproducing apparatus. Issued 3-27-34. (28)
- 1,952,848; Eckler Wilhelm. Method of and apparatus for treating the inner surface of tubular bodies with blasts. Issued 3-27-34. (28)
- 1,952,871; Kaufmann Hans. Process of making saturated acids by simultaneous dissociation and hydrogenation. Issued 3-27-34. (28)
- 1,952,878; Marschutz Carl. Ladder and like structure. Issued 3-27-34. (28)
- 1,952,947; Schott Carl Franz Heinrich. Baking powder. Issued 3-27-34. (28)
- 1,952,952; Steff Hugo. Model airplane. Issued 3-27-34. (28)
- 1,952,985; All. Deutsche Kuhl und Kraftmaschinen. Refrigerator. Issued 3-27-34. (28)
- 1,952,987; Jagenberg Gunther Meyer. Process and machine for automatic manufacture of one-piece boxes. Issued 3-27-34. (28)
- 1,953,004; Muller Carl Ferdinand Otto. Antidazzle lamp. Issued 3-27-34. (28)
- 1,953,212; Bley Kurt. Device for shapening reamers. Issued 4-3-34. (28)
- 1,953,218; All. Maschinenfabrik Vorm Georg Dorst I G. Driving device for the charging slide in friction wheel spindle presses. Issued 4-3-34. (28)
- 1,953,234; Junkers Hugo. Aircraft. Issued 4-3-34. (28)
- 1,953,239; All. Lorenz C A G. Supervisory apparatus for radio beacons. Issued 4-3-34. (28)

- 1,953,249; Michel Max. Method of standardizing roentgen ray photographs. Issued 4-3-34. (28)
- 1,953,259; Peters Eugen. Device for drying and airing clothes and the like. Issued 4-3-34. (28)
- 1,953,260; Petzoldt Karl. Loom. Issued 4-3-34. (28)
- 1,953,443; Spagliardi Riccardo. Nonreturn valve adapted to avoid back firing in internal combustion engines. Issued 4-3-34. (38)
- 1,953,458; Bauer Gustav; et al. Schmieske Carl. Hydraulic coupling. Issued 4-3-34. (28)
- 1,953,481; All. Badische Maschinenfabrik & Match making machine. Issued 4-3-34. (28)
- 1,953,486; Kiep Johann Nikolaus. Engine plant. Issued 4-3-34. (28)
- 1,953,494; All. I G Farbenindustrie A G. Process of preparing substituted guanidines. Issued 4-3-34. (28)
- 1,953,509; All. Gessner Max. Process for the carbonization of rags. Issued 4-3-34. (28)
- 1,953,511; Sellin Walter. Time mechanism for operating electric switches or the like. Issued 4-3-34. (28)
- 1,953,557; Greve John Emil William. Calculating machine. Issued 4-3-34. (28)
- 1,953,561; All. Heindl & Petters. Device for locking the platen of typewriters. Issued 4-3-34. (6)
- 1,953,564; All. Friedmann Alex. Oil distributing and apportioning device. Issued 4-3-34. (6)
- 1,953,596; All. Ufficio Tecnico Implanti Nafta. Steam generator. Issued 4-3-34. (38)
- 1,953,600; Grothe Alfred. Automatically acting fire protecting device for cinemantographs. Issued 4-3-34. (28)
- 1,953,654; Metzler Kurt. Apparatus for producing leno fabric in particular for the production of chenille cloth. Issued 4-3-34. (28)
- 1,953,694; Takahashk Teizo. Process for preparing gluconic acid. Issued 4-3-34. (39)
- 1,953,929; All. Mix & Genest A G. Electromagnetic relay. Issued 4-10-34. (28)
- 1,954,020; All. Universelle Cigarettenmaschinen. Packing machine for flattened or oval cigarettes. Issued 4-10-30. (28)
- 1,954,110; All. Siemens & Halske A G. Automatic battery-charging system. Issued 4-10-34. (28)
- 1,954,184; Schlumbohm Peter. Optical device. Issued 4-10-34. (28)
- 1,954,315; All. Badische Maschinenfabrik & dipping apparatus for match making machines. Issued 4-10-34. (28)
- 1,954,332; Seitz Friedrich. Machine for the manufacture of shells for metal cups and similar articles. Issued 4-10-34. (28)
- 1,954,417; Lentz Hugo. Valve gear for steam engines. Issued 4-10-34. (6)
- 1,954,573; Moehrl Eduard. Process for the treatment of heavy hydrocarbons. Issued 4-10-34. (28)
- 1,954,618; All. Brunsviga Maschinenwerke. Adding machine printing mechanism. Issued 4-10-34. (28)
- 1,954,715; Sprenger Arthur. Highly refractory mass and process of producing same. Issued 4-10-34. (28)
- 1,954,755; All. Leitz Ernst Optische Werke. Microscope. Issued 4-10-34. (28)
- 1,954,759; Spetz Wilhelm. Chuck. Issued 4-10-34. (28)
- 1,954,882; All. Donner Julius. Sealing bottles, jars and other receptacles. Issued 4-17-34. (34)
- 1,954,902; Vianini Guido. Manufacture of pipes or hollow ware of fibrous cement mortar or the like. Issued 4-17-34. (38)
- 1,954,908; All. Universelle Cigarettenmaschinen. Device for opening and folding of outside boxes. Issued 4-17-34. (28)
- 1,954,933; All. Heseper Torfwerk Gmbh. Machine for cutting raising conveying and depositing peat sods. Issued 4-17-34. (28)
- 1,954,945; Oltersdorf Hermann. Spring structure. Issued 4-17-34. (28)
- 1,954,964; Tessky Karl. Device for feeding bar stock to machine tools. Issued 4-17-34. (28)
- 1,954,982; Bolla Giovanni. Valve gear for steam engines. Issued 4-17-34. (38)
- 1,954,998; Hoffmann August. Gyroscopic inclinometer for aircraft. Issued 4-17-34. (28)
- 1,955,024; All. Felten & Gulleaume Carlsberg A G. Electric cable. Issued 4-17-34. (28)
- 1,955,031; Steudemann Wilhelm. Method of precipitating and separating sodium nitrate and ammonium chloride. Issued 4-17-34. (28)
- 1,955,036; All. Typograph GmbH. Matrix-setting and type-line casting machine. Issued 4-17-34. (28)
- 1,955,048; Bley Kurt. Device for inserting the piston pin in the piston and the piston rod. Issued 4-17-34. (28)
- 1,955,072; Jordan Franz. Device for introducing superposed plates of different metals. Issued 4-17-34. (28)
- 1,955,075; Klenig Georg. Adhesive foil. Issued 4-17-34. (28)
- 1,955,133; Kovacs Charles Paul. Rotary frequency and phase converter. Issued 4-17-34. (34)
- 1,955,155; All. Klenzle Taxameter und Apparate A G. Retarded stop signal for synchronous motor-driven electrical clocks. Issued 4-17-34. (28)
- 1,955,221; All. I G Farbenindustrie A G. Copper ammonia fibroin solutions. Issued 4-17-34. (28)
- 1,955,230; Enneking Fritz. Haymaker. Issued 4-17-34. (28)
- 1,955,235; Frelberger Moritz; Holtzmann August et al. Process of preparing ungreenable aniline black. Issued 4-17-34. (28)
- 1,955,237; All. Siemens Elektro Osmose GmbH. Process of purifying glycerine. Issued 4-17-34. (28)
- 1,955,239; All. I G Farbenindustrie A G. Manufacture of viscose. Issued 4-17-34. (28)
- 1,955,481; Wirtz Adolf. Process for the production of pig iron having a fine graphitic texture. Issued 4-17-34. (28)
- 1,955,510; All. Toden Denkyu Kabushiki Kwaisha. Gas sealed incandescent lamp or the like. Issued 4-17-34. (39)
- 1,955,619; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 4-17-34. (28)
- 1,955,624; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 4-17-34. (28)
- 1,955,632; All. Schubert & Salzer Maschinenfabrik. Method of knitting. Issued 4-17-34. (28)
- 1,955,683; Reiffenstein Manfred. Water power engine. Issued 4-17-34. (6)
- 1,955,696; Holm Waldemar; Von Schutz Friedrich et al. Gas meter. Issued 4-17-34. (28)
- 1,955,804; Gualtierotti Gualtiero. Process for bichromatic recording and projection of images in natural colors. Issued 4-24-34. (38)
- 1,955,819; Maul Michael. Record card controlled machine. Issued 4-24-34. (28)
- 1,955,882; All. I G Farbenindustrie A G. Process of preparing acetoethyl alcohol. Issued 4-24-34. (28)
- 1,955,889; All. Kelima GmbH. Tool for producing woolen carpets, blankets or the like. Issued 4-24-34. (28)
- 1,956,017; Gaspar Bela. Method of indirectly producing color photographs. Issued 4-24-34. (28)
- 1,956,048; Sai Carlo. Fruit washing device for table use. Issued 4-24-34. (38)
- 1,956,051; All. Luftschiffbau Zeppelin GmbH. Pivotaly supported gearing. Issued 4-24-34. (28)
- 1,956,058; Bost Paul. Process for obtaining fibers fit to be spun from muscular flesh. Issued 4-24-34. (28)
- 1,956,071; Kraft Andreas. Cap closure for bottles. Issued 4-24-34. (28)
- 1,956,333; Olmo Enrico. Submarine barrier and launching and arming means therefor. Issued 4-24-34. (38)
- 1,956,349; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 4-24-34. (28)
- 1,956,352; All. Maschinenfabrik Augsburg Nurnberg & A G. Separating and purifying means for the sealing liquid of waterless gas holders. Issued 4-24-34. (28)
- 1,956,354; Junkers Hugo. Structural element. Issued 4-24-34. (28)
- 1,956,355; Junkers Hugo. Internal combustion engine. Issued 4-24-34. (28)
- 1,956,391; Hoffmann Kurt; Kuppenbender Heinz et al. Cinematographic apparatus. Issued 4-24-34. (28)
- 1,956,438; Eichenauer Rudolf. Device for protecting motor cars against theft. Issued 4-24-34. (28)
- 1,956,443; Hertel Anton. Apparatus for punching belt joints. Issued 4-24-34. (28)
- 1,956,447; Laessker Fritz. Mechanical infinite variable speed transmission. Issued 4-24-34. (28)
- 1,956,457; Violante Pasquale. Device for printing cutting lines for men's and women's garments. Issued 4-24-34. (38)
- 1,956,461; All. Elektrizitats A G Vorn W Lahmeyer. Apparatus for protecting electric appliances. Issued 4-24-34. (28)
- 1,956,482; All. Boehringer C H Sohn. Process for preparing maleic anhydride and maleic acid. Issued 4-24-34. (28)
- 1,956,486; All. Frank Ernst. Stop mechanism for looms. Issued 4-24-34. (28)
- 1,956,487; All. Frank Ernst. Apparatus for indicating faulty grips with thread gripping pliers. Issued 4-24-34. (28)
- 1,956,512; Muller Albano. Metal cask. Issued 4-24-34. (28)
- 1,956,533; All. Magyar Ruggyantaarugyar. Method for producing inflatable rubber articles. Issued 4-24-34. (34)
- 1,956,545; Windhorn Heinrich; Meyer Hermann; Schrader Ernst et al. Presser belt for vulcanizing machines. Issued 4-24-34. (28)
- 1,956,618; All. Vereinigte Stahlwerke A G. Process for the manufacture of rings and especially of wheel tires. Issued 5-1-34. (28)
- 1,956,655; Rossi Pietro. Apparatus for filling jars and the like simultaneously. Issued 5-1-34. (38)
- 1,956,658; Schmidt Wilhelm. Engaging and disengaging device for presses stamping machines and similar machine tools. Issued 5-1-34. (28)
- 1,956,695; Reinitz Emil. Flat furuncle plaster. Issued 5-1-34. (6)
- 1,956,728; All. Chemischer A G Werte. Disinfecting and sterilizing liquids and the like. Issued 5-1-34. (28)
- 1,956,736; Thun Rudolf. Motion picture apparatus. Issued 5-1-34. (28)
- 1,956,748; Schroff Alfons. Tenoning machine. Issued 5-1-34. (28)
- 1,956,751; All. Vereinigte Eisenbahn Signalwerke. Interlocking gears for the locking of point throwing levers and the like. Issued 5-1-34. (28)
- 1,956,762; All. Hesser Fr Maschinenfabrik A G. Device for detecting and indicating insufficiently filled packages in packing machines. Issued 5-1-34. (28)



- 1,956,837; Schmidt Fritz. Sound record of condensation products of polyvinyl alcohol aldehyde condensation product. Issued 5-1-34. (28)
- 1,956,900; Huhn Gustav. Carbon ring packing for the shafts of turbines and the like. Issued 5-1-34. (28)
- 1,956,910; Roth Ernst. Method for casting blocks of metal. Issued 5-1-34. (28)
- 1,956,923; Jendrassik George. Fuel injection pump. Issued 5-1-34. (34)
- 1,956,948; Haas Otrfied Fattinger Franz et al. Radioactive artificial fiber. Issued 5-1-34. (6)
- ; Lahge Fritz Dahl Max Brasch Arno et al. Impulse generator. (28)
- 1,957,009; Broemel Louis Emil. Process of rolling metallic strips and sheets of thin sections of any desired length. Issued 5-1-34. (28)
- 1,957,014; All. Lampen und Metallwaarenfabriken. Petroleum Wick Burner. Issued 5-1-34. (6)
- 1,957,021; All. Eumuco A G fur Maschinenbau. Drop hammer. Issued 5-1-34. (28)
- 1,957,024; All. Jaeger Emil. Weft mechanism for positive motion looms. Issued 5-1-34. (28)
- 1,957,028; Maurer Albrecht. Machine tool for generating the teeth of bevel gears. Issued 5-1-34. (28)
- 1,957,089; All. I G Farbenindustrie A G. Process of preparing nitro B hydroxy pyridines. Issued 5-1-34. (28)
- 1,957,129; All. Alterum Kredit A G. Production of highly active alkali carbon briquettes for the preparation of alkali cyanides. Issued 5-1-34. (28)
- 1,957,130; All. Alterum Kredit A G. Method of absorbing nitrogen oxide gases mixed with oxygen or air. Issued 5-1-34. (28)
- 1,957,157; Bosch Fritz. Case for watches instruments and the like. Issued 5-1-34. (28)
- 1,957,183; All. Voith J M. Hydraulic machine. Issued 5-1-34. (28)
- 1,957,260; Gayler Arthur. Machine for separating maculate parts of sheet paper. Issued 5-1-34. (28)
- 1,957,294; All. Maschinenfabrik Augsburg. Internal combustion engine. Issued 5-1-34. (28)
- 1,957,358; Scheele Erich. Process of producing caffeine-free coffee. Issued 5-1-34. (28)
- 1,957,386; Bungeoth Rudolf. Tube expanding roller mill. Issued 5-1-34. (28)
- 1,957,394; All. Schubert and Salzer. Bobbin winding machine. Issued 5-1-34. (28)
- 1,957,401; Wiedenmann Fritz. Mattress and heating means therefor. Issued 5-1-34. (28)
- 1,957,408; All. Lechler Firma Paul. Process of preparing bituminous emulsions. Issued 5-1-34. (28)
- 1,957,427; All. Vereinigte Stahlwerke A G. Process for increasing the mechanical strength properties of steel. Issued 5-8-34. (28)
- 1,957,591; All. Reuter Hanns. Implement to clean textiles. Issued 5-8-34. (28)
- 1,957,666; Quante Wilhelm. Double throw switch. Issued 5-8-34. (28)
- 1,957,667; Ritter Malte Block Friedrich Wilhelm Mobius Walter Rothenberg Otto et al. Chip-flow lathe for hard metal and diamond tools. Issued 5-8-34. (28)
- 1,957,678; Staby Wilhelm. Umbrella locking device. Issued 5-8-34. (28)
- 1,957,697; Arnold Carl. Toy with spark producing device. Issued 5-8-34. (28)
- 1,957,716; Koster Johann Friedrich. Album for photographic pictures and the like. Issued 5-8-34. (28)
- 1,957,724; Otto Fritz. Intermediate connection for haulage cages. Issued 5-8-34. (28)
- 1,957,741; Toreky Alexander. Apparatus for heating water. Issued 5-8-34. (34)
- 1,957,872; Wolman Karl Heinrich. Preservative for wood. Issued 5-8-34. (28)
- 1,957,873; All. Grubenholzimpragnierung GmbH. Wood preservative. Issued 5-8-34. (28)
- 1,957,918; Tanaka Tomotchlro. Process of making sulphur soap. Issued 5-8-34. (39)
- 1,957,940; Conradt Ottmar. Body for use in electrolysis. Issued 5-8-34. (28)
- 1,957,988; All. I G Farbenindustrie A G. Production of diphenyl substances. Issued 5-8-34. (28)
- 1,957,995; All. Soc Italiana Pirelli. High tension cable. Issued 5-8-34. (38)
- 1,958,037; All. Demag A G. Grab winch. Issued 5-8-34. (28)
- 1,958,054; Linnmann Wilhelm Jr. Apparatus for separating liquids of different gravity. Issued 5-8-34. (28)
- 1,958,055; Linnmann Wilhelm Jr. Tank structure. Issued 5-8-34. (28)
- 1,958,100; De Borosini August. Apparatus for medical purposes. Issued 5-8-34. (28)
- 1,958,207; All. Wurker GmbH Stickautmatenfabrik. Means for making hemstitched seams and the like. Issued 5-8-34. (28)
- 1,958,350; Schneider Ferdinand. Clock winding mechanism. Issued 5-8-34. (28)
- 1,958,369; All. Edeleanu GmbH. Process of extracting lubricating oils. Issued 5-8-34. (28)
- 1,958,666; Honigmann Ludwig. Device for drying and roasting granular material. Issued 5-15-34. (28)
- 1,958,742; Cauer Wilhelm. Artificial network. Issued 5-15-34. (28)
- 1,958,751; All. Humboldt Deutzmotoren A G. Governing diesel marine engines. Issued 5-15-34. (28)
- 1,958,821; Haarbuerger Karl. Method of making artificial leather. Issued 5-15-34. (28)
- 1,958,827; Krausen Carl. Wreath Hoop Wire. Issued 5-15-34. (28)
- 1,958,831; Lorenz Emil. Marker. Issued 5-15-34. (28)
- 1,958,863; All. Cassa Autonoma A Monopoliritor. Treating tobacco leaf. Issued 5-15-34. (57)
- 1,958,875; Weichert Max. Method and device for transplanting rows of plants. Issued 5-15-34. (28)
- 1,958,948; All. Daimler Benz A G. Fuel pump. Issued 5-15-34. (28)
- 1,959,041; Schimanek Emil. Method for starting diesel engines. Issued 5-15-34. (34)
- 1,959,240; Josky Walter. Device for applying antiskidding media to the tires of motor vehicles. Issued 5-15-34. (28)
- 1,959,304; All. Von Baumbach Friedrich. Drying plant for moist substances. Issued 5-15-34. (28)
- 1,959,307; Sanger Wilhelm. Device for cleaning the hearths of baking ovens. Issued 5-15-34. (28)
- 1,959,425; All. Demag A G. Cushioned push bench. Issued 5-22-34. (28)
- 1,959,458; Christiansen Heinrich. Tamping device for railway sleepers. Issued 5-22-34. (28)
- 1,959,462; Salda Cesare Della. Compensated Asynchronous motor. Issued 5-22-34. (38)
- 1,959,470; Haasis Paul. Signal instrument. Issued 5-22-34. (28)
- 1,959,476; Janik Eduard. Adjusting mechanism for variable speed gears. Issued 5-22-34. (6)
- 1,959,488; Meyer Johann. Method of and apparatus for manufacturing V belts of finite length. Issued 5-22-34. (28)
- 1,959,493; Muller Heinrich. Toy. Issued 5-22-34. (28)
- 1,959,500; Rogowski Walter. Cathode ray oscillograph. Issued 5-22-34. (28)
- 1,959,503; Seuffert Otto et al; Ihwe Egon. Manufacture of hydrazine. Issued 5-22-34. (28)
- 1,959,534; All. Maschinenfabrik Augsburg Nurnberg. Apparatus for heating the contents of the bottom cup of a gas holder. Issued 5-22-34. (28)
- 1,959,548; Ries Gottfried. Steering gear for motor cars. Issued 5-22-34. (28)
- 1,959,569; Carozzi Augusto. Machine for the automatic continuous production of allimentary paste of the macaroni and vermicelli type. Issued 5-22-34. (38)
- 1,959,630; Keitel Hans Julius. Elastic rapid coupling for pipes and hoses. Issued 5-22-34. (28)
- 1,959,640; All. Knorr Bremse A G. Air chamber of pumps. Issued 5-22-34. (28)
- 1,959,701; All. Balog Gustav. Method of manufacturing high quality seamless rubber articles. Issued 5-22-34. (6)
- 1,959,720; Koczi Ludwig. Device for tying packages. Issued 5-22-34. (6)
- 1,959,730; Meissner Josef. Process of uninterruptedly boiling fulminating mercury. Issued 5-22-34. (28)
- 1,959,731; Meissner Josef. Process of uninterruptedly carrying out the precipitation of heavy metallic azids particularly silver and lead azid. Issued 5-22-34. (28)
- 1,959,734; Palazzo Fortunato; Palazzo Francesco Carlo et al. Process for producing practically pure cellulose alpha cellulose from raw cellulose of any origin. Issued 5-22-34. (38)
- 1,959,738; All. Fuchigami Iwao. Apparatus for supplying ozone for internal combustion engines. Issued 5-22-34. (39)
- 1,959,750; All. Masuda Mataemon. Process of extracting proteolytic enzymes from figs mulberries papayas pineapples and bananas. Issued 5-22-34. (39)
- 1,959,754; Zipper Emil. Vehicle wheel. Issued 5-22-34. (6)
- 1,959,779; All. Mercedes Buromaschinen Werke A G. Calculating machine. Issued 5-22-34. (28)
- 1,959,791; All. Krupp A G. Welding iron steel and their alloys. Issued 5-22-34. (28)
- 1,959,889; Wunsch Guido. Device for compensating a deflection of a control member which has been affected by a change in the impulse value. Issued 5-22-34. (28)
- 1,959,947; Droege Karl. Copying process for zincography. Issued 5-22-34. (28)
- 1,959,959; All. Wagner Gunther Firm. Ink phial or filler. Issued 5-22-34. (28)
- 1,960,024; Paris Paul. Locking device for open windows. Issued 5-22-34. (28)
- 1,960,044; All. Leitz Ernest Optische Werke G M B & Y. Setting for the objectives of photographic cameras. Issued 5-22-34. (28)
- 1,960,068; Ruppel Sigwart. Excess voltage protective system for electric feeders. Issued 5-22-34. (28)
- 1,960,098; Breitenbach August. Humidifier or vaporizer. Issued 5-22-34. (28)
- 1,960,107; All. Schubert and Salzer Maschinenfabrrs. Stocking in the correct form manufactured on the flat hosier knitting machine and method for manufacturing the same. Issued 5-22-34. (28)
- 1,960,125; Schorn Karl. Shearing machine. Issued 5-22-34. (28)
- 1,960,141; All. Trojani Pietro. Helicopter. Issued 5-22-34. (38)
- 1,960,158; Lehmann Otto. Mean pressure gauge. Issued 5-22-34. (28)
- 1,960,178; Albert Werner. Pilger rolling mill. Issued 5-22-34. (28)
- 1,960,190; All. Hermsdorf Schomburg Isolatoren. Suspension Insulator. Issued 5-22-34. (28)
- 1,961,149; All. Lohusta Elektro Akustik GmbH. Loudspeaker diaphragm. Issued 6-5-34. (28)
- 1,961,165; All. Raschlg Dr F GmbH. Process for recovering phenols from phenol-carrying distillation gas and the like. Issued 6-5-34. (28)
- 1,961,207; Dierfeld Benno R. Brake for motor cars. Issued 6-5-34. (28)
- 1,961,282; Dellenbach Walter. Actuating device. Issued 6-5-34. (28)

<sup>1</sup> So in the original document.

- 1,961,287; Faber Ernst. Washing machine. Issued 6-5-34. (28)
- 1,961,301; Nier Bruno. Apparatus for coating objects with a liquid. Issued 6-5-34. (28)
- 1,961,309; Thorner Walther. Ophthalmoscope. Issued 6-5-34. (28)
- 1,961,310; Traitteur Friedrich Oskar V. Die stamping press. Issued 6-5-34. (28)
- 1,961,316; Weingand Richard. Manufacturing flat walled or sheet libv. Issued 6-5-34. (28)
- 1,957,008; Cellulose products. Issued 5-1-34.
- 1,961,306; Rothe Gerhard; Schmitt Wilhelm et al. Gear cutting machine. Issued 6-5-34. (28)
- 1,961,422; All. Brehmer Gebruder Firm. Mechanism for automatically severing the terminal threads of a stitched book or the like. Issued 6-5-34. (28)
- 1,961,547; Busch Wilhelm. Spoon for feeding children and for dispensing medicines. Issued 6-5-34. (28)
- 1,961,551; Chiashi Elzo. Method of preserving sweetened condensed milk. Issued 6-5-34. (39)
- 1,961,603; All. Jenaer Glaswerk Schott and General. Heat absorbing glass. Issued 6-5-34. (28)
- 1,961,647; Sonoda Soshichi. Thread gauge. Issued 6-5-34. (39)
- 1,961,648; Spiess Georg. Paper folding machine. Issued 6-5-34. (28)
- 1,961,654; von Schutz Friedrich. Gas meter reversing mechanism. Issued 6-5-34. (28)
- 1,961,660; Fehrmann Karl. Heat exchange apparatus. Issued 6-5-34. (28)
- 1,961,675; All. Chemieprodukte GmbH. Packing and process of making same. Issued 6-5-34.
- 1,961,691; All. Bayerische Stickstoffwerke A A. Process for the production of phosphorus and hydrogen. Issued 6-5-34. (28)
- 1,961,792; All. Rekuperator GmbH. Heat exchanger. Issued 6-5-34. (28)
- 1,961,824; Goldberg Max. Molded article. Issued 6-5-34. (28)
- 1,961,881; Krantz Hubert. Tenting and drying machine. Issued 6-5-34. (28)
- 1,961,953; Bauer Gustav. Ship propelling plant. Issued 6-5-34. (28)
- 1,961,979; All. Union Special Maschinenfabrik. Method of and machine for edging pile fabrics. Issued 6-5-34. (28)
- 1,961,981; Pechstadt Herbert. Machine for molding pipes and other hollow articles. Issued 6-5-34. (28)
- 1,962,015; Haugg Stefan. Necktie holder. Issued 6-5-34. (28)
- 1,962,016; Henckell Peter. Combined heating arrangement especially for baking ovens & for producing steam. Issued 6-5-34. (28)
- 1,962,017; All. Pohl J A G. Automatic bunker discharge. Issued 6-5-34. (28)
- 1,962,021; Lobbenberg Hans. Garter. Issued 6-5-34. (28)
- 1,962,037; Schofer Eugen. Chain-mail band for articles of jewelry. Issued 6-5-34. (28)
- 1,962,044; von Schutz Friedrich. Dry gas meter. Issued 6-5-34. (28)
- 1,962,048; Alpeter Ludwig. Centrifuge. Issued 6-5-34. (28)
- 1,962,051; All. Vereinigte Stahlwerke A G. Process for working up gas-purifying masses. Issued 6-5-34. (28)
- 1,962,059; All. Soc Italiana Pirelli. High-tension electric cable. Issued 6-5-34. (38)
- 1,962,065; Friederich Walter. Process for the manufacture of explosive materials. Issued 6-5-34. (28)
- 1,962,185; All. Montecatini Soc Generale per Lindustria. Process for the production of solid ammonium salts. Issued 6-12-34. (38)
- 1,962,224; Wolf Emil. 6 7 diethoxy 1 3 4 diethoxy benzyl isoquinoline. Issued 6-12-34. (34)
- 1,962,247; Lesage Alfred. Multiple disk clutch. Issued 6-12-34. (28)
- 1,962,265; All. Gessner Ernst A G. Ring Spinning Frame. Issued 6-12-34. (28)
- 1,962,267; All. Grunwald Julius. Electromotor enclosed in a water proof casing. Issued 6-12-34. (28)
- 1,962,375; All. Wolters Otto. Keyboard operated signal storage device. Issued 6-12-34. (28)
- 1,962,444; Hesselberger Wilhelm. Treatment of skins pelts hides and leathers. Issued 6-12-34. (28)
- 1,962,448; All. Maschinenfabrik Augsburg Nurnberg. Device for adjusting the throttle valve in the air-suction pipe of combustion power machines. Issued 6-12-34. (28)
- 1,962,559; All. I G Farbenindustrie A G. New alkalimetal cupri-alkalino-cyanides. Issued 6-12-34. (28)
- 1,962,574; Salge Wilhelm. Marine high pressure superheated steam plant. Issued 6-12-34. (28)
- 1,962,607; Maul Michael. Punching machine for records. Issued 6-12-34. (28)
- 1,962,638; Czerweny Viktor. Box making machine. Issued 6-12-34. (6)
- 1,962,662; All. Berlin Karlsruher Industrie Werke. Bobbin for spinning. Issued 6-12-34. (28)
- 1,962,794; Von Karman Theodor. Process and apparatus for making aerial propellers. Issued 6-12-34. (28)
- 1,962,823; Kurz Hans et al; Albert Karl. Intaglio printing ink. Issued 6-12-34. (6)
- 1,962,830; All. Vereinigte Stahlwerke A G. Steel sheet piling of Z shaped sheet piling iron. Issued 6-12-34. (28)
- 1,962,831; Moskovits Miklos. Manufacture of yeast of high enzymatic activity. Issued 6-12-34. (34)
- 1,962,985; Dichter Jakob. Machine for the manufacture of ampullas and the like glass bodies. Issued 6-12-34. (28)
- 1,963,113; Borsalino Teresio. Machine for the treating of hat felts. Issued 6-19-34. (38)
- 1,963,167; Heller Max. Method of and apparatus for generating water gas from pulverized fuel. Issued 6-19-34. (28)
- 1,963,226; Cosman Claus. Rubber cord. Issued 6-19-34. (28)
- 1,963,286; Ballert Otto. Hydraulic tilting device especially for tilting the bodies of motor vehicles. Issued 6-19-34. (28)
- 1,963,287; Ballert Otto. Hydraulic tilting device for trucks. Issued 6-19-34. (28)
- 1,963,288; Ballert Otto. Device for emptying refuse receptacles. Issued 6-19-34. (28)
- 1,963,296; All. Typograph GmbH. Matrix-setting and type-line casting machine. Issued 6-19-34. (28)
- 1,963,301; Gloystein Friedrich. Hollow dowel. Issued 6-19-34. (28)
- 1,963,308; Molinelli Mario. Selective gear for portable cranes. Issued 6-19-34. (38)
- 1,963,324; All. Deckel Friedrich Prazisionsmechanis. Camera shutter. Issued 6-19-34. (28)
- 1,963,330; Lumme Willy. Rotary meter. Issued 6-19-34. (28)
- 1,963,343; Winkelmuller Karl. Drying of bark tanned leather. Issued 6-19-34. (28)
- 1,963,345; Zwilling Ludwig. Wick lighter. Issued 6-19-34. (28)
- 1,963,468; All. I G Farbenindustrie A G. Process of preparing storage battery plates. Issued 6-19-34. (28)
- 1,963,469; All. Alpine A G Eisengiesserei Und. Separator. Issued 6-19-34. (28)
- 1,963,550; Greger Herbert Hans. Process for the production of electricity by means of a fuel cell. Issued 6-19-34. (39)
- 1,963,576; Boerlage Johann. Piston fluid pulsator with hand controlled valves. Issued 6-19-34. (28)
- 1,963,638; All. Demag A G. Magnetic clutch. Issued 6-19-34. (28)
- 1,963,691; Bruninghaus Hugo. Tool for straining a wire and fastening the wire ends by twisting. Issued 6-19-34. (28)
- 1,963,697; Galbani Egidio. Casing box for cheese to be cut. Issued 6-19-34. (38)
- 1,963,707; All. Jasmatzki Anton. Toning process particularly for toning the red color component image for multicolor photography. Issued 6-19-34. (6)
- 1,963,717; Rittmeister Wilhelm. Method for the heat treatment of high boiling hydrocarbons. Issued 6-19-34. (28)
- 1,963,757; Moehrl Eduard. Process for the treatment of high boiling hydrocarbons. Issued 6-19-34. (28)
- 1,963,761; All. Raschig F GmbH. Process of making chlorobenzene. Issued 6-19-34. (28)
- 1,963,762; All. I G Farbenindustrie A G. Production of artificial masses. Issued 6-19-34. (28)
- 1,963,809; All. Lindes Eismaschinen A G. Process of obtaining constituents of air having a higher boiling point than oxygen. Issued 6-19-34. (28)
- 1,963,874; All. Drager Bernhard. Gas mask canister. Issued 6-19-34. (57)
- 1,963,912; Honnef Hermann. Wind motor. Issued 6-19-34. (28)
- 1,964,048; All. Lorenz C A G. Power line for antennae. Issued 6-26-34. (28)
- 1,964,081; Rausch Gottfried. Intermittent-drive mechanism. Issued 6-26-34. (28)
- 1,964,125; Kutter Leopold. Fountain penholder. Issued 6-26-34. (6)
- 1,964,135; Peyinghaus Walter. Ring lubricator. Issued 6-26-34. (28)
- 1,964,136; Dulik Karl; Pruffer Heinrich et al. Light sensitive layer. Issued 6-26-34. (6)
- 1,964,139; All. I G Farbenindustrie A G. Process for the production of ferroboron. Issued 6-26-34. (28)
- 1,964,140; All. Vereinigte Kugellagerfabriken A G. Floating bearing. Issued 6-26-34. (28)
- 1,964,142; Sachs Ludwig. Staple band for stapling devices of all kinds. Issued 6-26-34. (6)
- 1,964,207; Koller Karl et al; Galocsy Zsigmond. Process of manufacturing producer gas of high calorific value. Issued 6-26-34. (34)
- 1,964,213; All. Schutte Alfred H. Turret bearing for automatic multi-spindle turret lathes. Issued 6-26-34. (28)
- 1,964,218; All. Hannoversche Maschinenbau A G. Means for filtering the fuel supplied to the injector nozzles of internal combustion engines. Issued 6-26-34. (28)
- 1,964,226; All. Salge Willy and Co Technische. Control of consecutively arranged inlet and exhaust valves in piston steam engines. Issued 6-26-34. (28)
- 1,964,233; All. Deutsche Niles Werke A G. Method of grinding straight and helical teeth on spur wheels. Issued 6-26-34. (28)
- 1,964,358; All. Kalle and Co A G. Light sensitive layers containing a titanium salt of an organic hydroxy acid and process of preparing them. Issued 6-26-34. (28)
- 1,964,654; All. I G Farbenindustrie A G. Sulphonation products of urethanes and process for making same. Issued 6-26-34. (28)
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- 1,964,768; All. Raschig Dr F GmbH. Manufacture of phenols. Issued 7-3-34. (28)
- 1,964,815; Goedecke Richard. Container for storing frying pans. Issued 7-3-34. (28)
- 1,964,830; Schack Alfred Pohl Hans et al. Checkerwork for multizone regenerators. Issued 7-3-34. (28)



- 1,964,834; Thun Rudolph. Photographic printing apparatus. Issued 7-3-34. (28)
- 1,964,841; Lahl Alfred Amann Max et al. Type printing or setting machine. Issued 7-3-34. (28)
- 1,964,857; All. Halle Max Abraham. Electrically-driven clock. Issued 7-3-34. (28)
- 1,964,869; Boykow Johann Maria. Stabilizing apparatus. Issued 7-3-34. (28)
- 1,964,875; All. Harburger Olwerke Brinckman. Method of removing impurities from oils and fats. Issued 7-3-34. (28)
- 1,964,900; Alt Hermann. Gearing for performing movements with intercalated periods of standstill. Issued 7-3-34. (28)
- 1,964,907; All. Soc Italiana Pirelli. Electric cable. Issued 7-3-34. (38)
- 1,964,925; Jagenberg Gunther Meyer. Machine for packing cigarettes into boxes. Issued 7-3-34. (28)
- 1,964,931; Spiess Georg. Sheet feeding device. Issued 7-3-34. (28)
- 1,965,008; All. I G Farbenindustrie A G. Process of preparing alkoxy compounds. Issued 7-3-34. (28)
- 1,965,029; All. Schnellpressenfabrik Koenig & Co. Process and apparatus for cutting printed paper webs. Issued 7-3-34. (28)
- 1,965,035; Godziewski Hermann. Machine for cutting screw threads. Issued 7-3-34. (28)
- 1,965,037; Werner Arnold Hardtmann Max et al. Treatment of steel tools. Issued 7-3-34. (28)
- 1,965,051; Nier Bruno. Hurricane lamp. Issued 7-3-34. (28)
- 1,965,059; Selbt Georg. Apparatus for producing high ohmic resistances or the like. Issued 7-3-34. (28)
- 1,965,146; All. Bicknase Fritz. Telephone call system. Issued 7-3-34. (28)
- 1,965,169; Becker Enno. Anchoring member for sheet pilings. Issued 7-3-34. (28)
- 1,965,243; All. I G Farbenindustrie A G. Coating lining and cementing agent. Issued 7-3-34. (28)
- 1,965,301; All. Ruhrchemie A G. Process for producing mixed fertilizers. Issued 7-3-34. (28)
- 1,965,327; Boenecke Alfred Voelk Ottomar et al. Container. Issued 7-3-34. (28)
- 1,965,345; Jung Willy. Toy top. Issued 7-3-34. (28)
- 1,965,436; All. Lanz Heinrich. Process for the production of cast iron. Issued 7-3-34. (28)
- 1,965,445; All. Alterum Kredit A G. Method of producing sodium carbonate and ammonium chloride. Issued 7-3-34. (28)
- 1,965,485; All. Elektrizitats A G. Earth leakage protection of apparatus and machines. Issued 7-3-34. (28)
- 1,965,509; All. Chemische Produkte Vormals. Method of forming small particle products from gelatinizing substances. Issued 7-3-34. (28)
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- 1,965,732; Bisterfeld Ernst. Hot molding machine. Issued 7-10-34. (28)
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- 1,965,923; All. I G Farbenindustrie A G. Base exchange body. Issued 7-10-34. (28)
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- 1,966,105; All. Hauser and Co GmbH. Method of and apparatus for searching for ores. Issued 7-10-34. (28)
- 1,966,168; All. Riebeck'sche Montanwerkeag A. Process for raising the melting point of montan wax. Issued 7-10-34. (28)
- 1,966,172; All. Klingenberg W Ferd Sohne. Method of and apparatus for lapping gears. Issued 7-10-34. (28)
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- 1,966,314; All. Klingenberg W Ferd Sohne. Automatic indexing device. Issued 7-10-34. (28)
- 1,966,488; All. I. G. Farbenindustrie A G. Production of aralkyl alcohols. Issued 7-17-34. (28)
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- 1,966,615; Croning Johannes. Metal casting process. Issued 7-17-34. (28)
- 1,966,649; All. Krupp Fried Grusonwerk A G. Process for working up cryolite. Issued 7-17-34. (28)
- 1,966,698; Ansaldo pericle. Multiple and transformable theater stage. Issued 7-17-34. (38)
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- 1,966,756; All. I G Farbenindustrie A G. Dissolving fibroin. Issued 7-17-34. (28)
- 1,966,757; All. I G Farbenindustrie A G. High molecular cellulose ester. Issued 7-17-34. (28)
- 1,966,758; Haverbeck Edgar. Sheet metal press. Issued 7-17-34. (28)
- 1,966,763; Kuhmann Hermann August; Kuhmann Hermann et al. Palate plate. Issued 7-17-34. (28)
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- 1,967,063; All. Maschinenfabrik Augsburg. Piston rod connection. Issued 7-17-34. (28)
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- 1,967,371; All. Kalle & Co A G. Process of preparing copies. Issued 7-24-34. (28)
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- 1,967,520; Tomura Masanobu. Furnace for heating metal wire. Issued 7-24-34. (39)
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- 1,967,548; Bartels Friedrich. Arrangement for producing multiple total reflections. Issued 7-24-34. (28)
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- 1,967,562; Piel Werner. Handle fastening of tools. Issued 7-24-34. (28)
- 1,967,565; All. Hansella GmbH. Machine for the production of bonbons. Issued 7-24-34. (28)
- 1,967,576; All. Maschinenfabrik Augsburg Nurnberg A G. Device for supplying a greasy packing substance to the tightening spaces of dry gas holders. Issued 7-24-34. (28)
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- 1,967,679; All. I. G. Farbenindustrie A G. Treatment of hides skins and pelts. Issued 7-24-34. (28)
- 1,967,740; All. Schering Kahlbaum A G. Method of manufacturing molds. Issued 7-24-34. (28)
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- 1,967,788; Seiferth Hugo. Apparatus for producing profile metal articles. Issued 7-24-34. (28)
- 1,967,897; All. I G Farbenindustrie A G. Separation of mixtures of alkali metal nitrates with ammonium chloride. Issued 7-24-34. (28)
- 1,967,927; All. Schering Kahlbaum A G. Device for inserting medicaments into the body by iontophoresis. Issued 7-24-34. (28)
- 1,967,938; Schmalfluss Hans; Jantzen Ernst et al. Foam separator for fermentation plants and the like. Issued 7-24-34. (28)
- 1,967,975; Schaefer Josef. Regenerative coke oven with vertical heating flues. Issued 7-24-34. (28)
- 1,968,002; Bottger Erich; Nowicki Martin et al. Distance meter especially for photographic cameras. Issued 7-24-34. (28)
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- 1,968,158; All. Dynamit A G Vormals Alfred Nobel. Process for the production of ammonium nitrate base explosive charges capable of being poured or cast. Issued 7-31-34. (28)

- 1,968,162; Nebel Max. Knitting machine. Issued 7-31-34. (28)
- 1,968,171; Reiss August et al; Christ Joseph Peter. Steam circulating system. Issued 7-31-34. (28)
- 1,968,175; Schnurle Adolf et al; Elwert Otto. Rotary machine. Issued 7-31-34. (28)
- 1,968,179; Saganuma Kumazo et al; Goto Kan Ichiro. Method of manufacturing acetyl ester compounds. Issued 7-31-34. (39)
- 1,968,201; All. Deutsche Telephonwerke und. Calculating machine. Issued 7-31-34. (28)
- 1,968,220; All. Vereinigte Stahlwerke A G. Butt welded joint for sheet pilings. Issued 7-31-34. (28)
- 1,968,241; Becker Enno. Iron sheet piling. Issued 7-31-34. (28)
- 1,968,287; Farina Emanuele G. Device for translating signs agreed upon. Issued 7-31-34. (38)
- 1,968,318; Sellgmann Arthur. Apparatus for producing solid carbon dioxide. Issued 7-31-34. (28)
- 1,968,335; De Kramolin Leon Ladislas. Radio receiving apparatus. Issued 7-31-34. (28)
- 1,968,346; Neiss Oskar. Method of producing an unsymmetrical alternating voltage. Issued 7-31-34. (28)
- 1,968,352; Poeggel Erich. Cutting setting and sharpening saws. Issued 7-31-34. (28)
- 1,968,470; Szombathy Max. Power transmission for internal combustion engines. Issued 7-31-34. (6)
- 1,968,486; Gilli Paul. Heating apparatus for indirectly heating high temperature drying plants and the like. Issued 7-31-34. (6)
- 1,968,487; Hayashi Tomokichi. Paper bag. Issued 7-31-34. (39)
- 1,968,647; Jonas Hans. Electric switch. Issued 7-31-34. (28)
- 1,968,690; All. Krauss Friedrich Emil. Linen wringing machine. Issued 7-31-34. (28)
- 1,968,692; Krauss Friedrich Emil. Centrifugal machine. Issued 7-31-34. (28)
- 1,968,693; Kroger Otto Henry Amandus et al; Oswald Otto Adolf. Apparatus for the production of glass silk. Issued 7-31-34. (28)
- 1,968,700; Milotta Karl. Hydraulic driving device for clamping chucks and the like. Issued 7-31-34. (28)
- 1,968,703; Pcyinghaus Walter. Core molding apparatus. Issued 7-31-34. (28)
- 1,968,730; All. Vereinigte Stahlwerke A G. Weir. Issued 7-31-34. (28)
- 1,968,739; Bruni Riccardo. Radio receiving system. Issued 7-31-34. (38)
- 1,968,756; Franzen Karl August. Portfolio lock. Issued 7-31-34. (28)
- 1,968,918; Toth Joseph. Air propeller. Issued 8-7-34. (34)
- 1,968,933; Feldman Ernst. Means for producing tin oxide. Issued 8-7-34. (28)
- 1,968,963; Schiffers August. Nap raising sleeking and the like fabric dressing machine. Issued 8-7-34. (28)
- 1,969,005; All. Electroacoustic GmbH. Apparatus for the directional transmission and reception of wave energy. Issued 8-7-34. (28)
- 1,969,031; All. Maschinenfabrik Augsburg Nurnberg A G. Housing for a vertical combustion power engine. Issued 8-7-34. (28)
- 1,969,049; Spiess George. Folding machine. Issued 8-7-34. (28)
- 1,969,085; All. Leistenschneider. Automatic lead pencil. Issued 8-7-34. (28)
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- 1,969,282; Szikla Geza et al; Merse Paul; Von Vago Paul. Heat accumulator. Issued 8-7-34. (34)
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- 1,969,292; Asser Erich. Hardened resin. Issued 8-7-34. (28)
- 1,969,317; Muller Hans. Forging machine. Issued 8-7-34. (28)
- 1,969,343; Windisch Ignacz. Rail tie. Issued 8-7-34. (57)
- 1,969,417; Lentz Hugo. Distributing valve gear for steam engines. Issued 8-7-34. (28)
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- 1,969,610; Jager Carl H. Window-forming machine. Issued 8-7-34. (28)
- 1,969,624; Salzbrenner Rudolf. Limit sliding gauge. Issued 8-7-34. (28)
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- 1,969,643; Spath Hermann Fuchs Gottfried et al. Beer cooling and dispensing apparatus. Issued 8-7-34. (28)
- 1,969,650; All. Kohlentechnik GmbH. Process for the manufacture of fertilizer. Issued 8-7-34. (28)
- 1,969,651; Kretschmer Heinrich. Machine with oscillating rolling disks. Issued 8-7-34. (28)
- 1,969,664; Rupp Albert. Propeller hub. Issued 8-7-34. (28)
- 1,969,711; Hein Bruno. Rotary engine. Issued 8-7-34. (28)
- 1,969,712; All. Schutte Lanz Holzwerke A G. Manufacture of dried wood veneer. Issued 8-7-34. (28)
- 1,969,774; Bauer Bruno. Concrete column reinforced joint. Issued 8-14-34. (6)
- 1,969,864; Tebaldi Alessandro. Oil cooler. Issued 8-14-34. (38)
- 1,969,931; All. Brehmer Gebruder. Sheet feed mechanism in sheet handling-machines. Issued 8-14-34. (28)
- 1,969,949; Denstadt Hermann Schroder Stranz Friedrich et al. Denstadt Friedrich. Method and apparatus for working arable land especially for the deeper setting of plants. Issued 8-14-34. (28)
- 1,970,059; Schotter Karl. Pipe coupling. Issued 8-14-34. (6)
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- 1,970,086; Frost Gertrud. Means for erecting and straightening the eyelashes. Issued 8-14-34. (28)
- 1,970,148; All. Pomilio Alessandro. Process for the continuous treatment of vegetables with soda and gaseous chlorine for the industrial production of cellulose. Issued 8-14-34. (38)
- 1,970,162; All. Hartmann & Braun A G. Reversible induction motor. Issued 8-14-34. (28)
- 1,970,164; Osius Erwin; Breuer Anton et al. Bituminous road surfacing material. Issued 8-14-34. (28)
- 1,970,176; Konig Carl. Block signaling system for railways. Issued 8-14-34. (28)
- 1,970,177; Lehmann Ernst Paul. Toy. Issued 8-14-34. (28)
- 1,970,188; All. Schlafhorst W Anc Co. Winding machine with mechanical charging of bobbins. Issued 8-14-34. (28)
- 1,970,205; All. Schumag Schumacher Metallwerke A G. Machine for drawing and cutting stock. Issued 8-14-34. (28)
- 1,970,236; Bollinger Hanns Stephan Wilhelm; Kluge Hans Wilhelm Johannes Karl et al. Hydrodynamic power transmission device. Issued 8-14-34. (28)
- 1,970,271; Bergmann Max. Process of tanning hides. Issued 8-14-34. (28)
- 1,970,303; All. Kohlentechnik GmbH. Method of purifying ammonium thiocyanite. Issued 8-14-34. (28)
- 1,970,306; Mertens Erich; Hanack Bernhard et al. Baking agent and process of improving dough. Issued 8-14-34. (28)
- 1,970,309; Hoyer Ewald. Floor and ceiling. Issued 8-14-34. (28)
- 1,970,338; Roebel Ludwig. Constant-current direct-current generator. Issued 8-14-34. (28)
- 1,970,385; All. Maybach Motorenbau GmbH. Lubricating system for transmission gears. Issued 8-14-34. (28)
- 1,970,430; Nussbaum Wilhelm. Manufacture of nuts from balls. Issued 8-14-34. (28)
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- 1,970,476; Schutze Eugen. Scribing or marking device. Issued 8-14-34. (28)
- 1,970,539; Bausch Viktor Jr. Process for electrochemically producing stable images and characters. Issued 8-21-34. (28)
- 1,970,541; Bolognini Giovanni. Permutation lock. Issued 8-21-34. (38)
- 1,970,907; Grade Hans. Three-wheeled vehicle body. Issued 8-21-34. (28)
- 1,970,981; Schneider Emil. Bookkeeping machine. Issued 8-21-34. (38)
- 1,970,995; All. Berkenhoff & Drebes A G. Apparatus for winding wire on rotary drums. Issued 8-21-34. (28)
- 1,971,028; Bothe Otto. Acoustic advertising device. Issued 8-21-34. (28)
- 1,971,042; Kreidl Ignaz. Process for the photochemical oxidation of organic and inorganic compounds. Issued 8-21-34. (6)
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- 1,971,061; All. Zeiss Carl. Microscope. Issued 8-21-34. (28)
- 1,971,070; Heinzmann Max Joseph. Centrifugal spring governor. Issued 8-21-34. (28)
- 1,971,083; Schlaa Friedrich im. Production of ball races and the like. Issued 8-21-34. (28)
- 1,971,092; Anger Paul. Jet impact pulverizer. Issued 8-21-34. (28)
- 1,971,131; Cornetto Guisepppe. Apparatus for purifying and regenerating air. Issued 8-21-34. (38)
- 1,971,175; Max Diepold. Broom. Issued 8-21-34. (28)
- 1,971,276; All. Silfree; A G. Silfree Ltd. Vauduz. Production of sound images on films on plates by means of the chromate process. Issued 8-21-34. (28)
- 1,971,279; Schwietzke Gunther. Process and contrivance for producing hollow bodies by casting. Issued 8-21-34. (28)
- 1,971,314; Lauenstein Otto. Machine for the manufacture of chocolate. Issued 8-21-34. (28)
- 1,971,398; All. I G Farbenindustrie A G. Coating material useful in the manufacture of artificial leather. Issued 8-28-34. (28)
- 1,971,403; All. Voigt & Haefner A G. Electric switch with quenching liquid. Issued 8-28-34. (28)
- 1,971,453; Horn Guido. Thread tension device. Issued 8-28-34. (28)
- 1,971,494; Lesage Alfred. Carburetor. Issued 8-28-34. (28)
- 1,971,562; All. Schench Carl Eisen Giesserei und. Dynamic balancing of rotating bodies. Issued 8-28-34. (28)
- 1,971,630; Von Schorzynski Anton. Electric hearing apparatus for the deaf. Issued 8-28-34. (28)
- 1,971,638; Berg Wilhelm. Motor operated chuck for lathes and other machine tools. Issued 8-28-34. (28)
- 1,971,639; All. Smelting Kohaszati es Femmuvek. Manufacturing zinc oxide. Issued 8-28-34. (34)
- 1,971,644; All. Dossmann & Co. Needle case with windows. Issued 8-28-34. (28)
- 1,971,652; Haessler Paul. Device for casting under pressure. Issued 8-28-34. (28)
- 1,971,660; Sander Ernst. Thermophoric composition. Issued 8-28-34. (28)
- 1,971,688; All. Electroacoustic GmbH. Electrical compensator. Issued 8-28-34. (28)
- 1,971,694; Nogamy Yaejy. Adjusting device of warp tension in automatic looms. Issued 8-28-34. (3f)



- 1,971,888; All. I G Farbenindustrie A G. Catalytic process for manufacturing phthalic anhydride. Issued 8-28-34. (28)
- 1,971,911; All. Lorenz C A G. Electric receiver for signaling arrangements. Issued 8-28-34. (28)
- 1,971,937; All. Schuler L A G. Power press. Issued 8-28-34. (28)
- 1,971,972; All. Enzinger Union Werke A G. Filter element. Issued 8-28-34. (28)
- 1,972,032; Reimann Albert. Process for making neutral sodium pyrophosphate. Issued 8-28-34. (28)
- 1,972,119; Wernhardt Kurt. Dowel pin for connecting parts of machinery apparatus and the like. Issued 9-4-34. (28)
- 1,972,131; Dick Federico. Braiding machine. Issued 9-4-34. (38)
- 1,972,178; All. Koch & Sterzel A G. High potential lead in. Issued 9-4-34. (28)
- 1,972,199; Merk Friedrich. Telephone installation. Issued 9-4-34. (28)
- 1,972,204; Schoene Kurt. Pump. Issued 9-4-34. (28)
- 1,972,232; All. I G Farbenindustrie A G. Compound of the carbazole group. Issued 9-4-34. (28)
- 1,972,234; Neumann Rudolf. Diaphragm pressure regulator. Issued 9-4-34. (28)
- 1,972,243; All. Koch & Sterzel A G. Method of and apparatus for testing instrument transformers. Issued 9-4-34. (28)
- 1,972,249; Schneider Heinrich. Shoe. Issued 9-4-34. (28)
- 1,972,270; All. Ledoga S A Prodotti Chimici. Quinazoline compounds. Issued 9-4-34. (28)
- 1,972,306; Linker Arthur. Connector for electric circuits. Issued 9-4-34. (28)
- 1,972,310; All. Durkoppwerke A G. Process for producing pure whites and a pure yellow in screened photographic pictures. Issued 9-4-34. (28)
- 1,972,314; Rido Leopold. Process for the production of sensitized films. Issued 9-4-34. (28)
- 1,972,356; Pfeleiderer Ernst. Method of generating high pressure steam. Issued 9-4-34. (28)
- 1,972,378; Demnitz Albert. Hat press. Issued 9-4-34. (28)
- 1,972,401; All. Kragenfabrik W R GmbH. Stamped collar. Issued 9-4-34. (28)
- 1,972,435; Ackermann Gottlieb. Safety valve. Issued 9-4-34. (28)
- 1,972,446; Jander Hans. Regulating device for an automatic automobile clutch. Issued 9-4-34. (28)
- 1,972,496; All. Maschinenfabrik Augsburg Nurnberg. Irrigating and draining device. Issued 9-4-34. (28)
- 1,972,504; All. Schmidt Sche Heissdampf GmbH. Water tube boiler. Issued 9-4-34. (28)
- 1,972,560; Heller Ernst. Machine tool feeding means. Issued 9-4-34. (28)
- 1,972,574; Salchow Willy. Apparatus for photographing copy. Issued 9-4-34. (28)
- 1,972,575; Schmidt Wilhelm Kurt. Double swinging door. Issued 9-4-34. (28)
- 1,972,578; Oplitz Herwart et al; Wallichs Adolf. Measuring instrument. Issued 9-4-34. (28)
- 1,972,608; All. Christian Dierig A G. Method and means for treating fibrous material with electric current. Issued 9-4-34. (28)
- 1,972,640; All. Leitz Optische Werke GmbH. Photographic camera. Issued 9-4-34. (28)
- 1,972,658; Koch Fritz. Station selector for radio receivers. Issued 9-4-34. (28)
- 1,972,667; Schiffer Hermann Josef. Filling material for welding scale-resisting steels containing aluminum. Issued 9-4-34. (28)
- 1,972,676; All. Schnellpressenfabrik Koenig & Baunz. Device for automatically regulating the tension of the web in rotary printing machines. Issued 9-4-34. (28)
- 1,972,686; Lorenzen Christian. Carburetor. Issued 9-4-34. (28)
- 1,972,764; All. Harburger Oelwerke Brinckman und. Process for the production of stable water containing emulsions of vegetable lecithin. Issued 9-4-34. (28)
- 1,972,805; Vanni Pier Giorgio. Internal combustion engine. Issued 9-4-34. (38)
- 1,972,910; All. Deckel Friedrich. Copying and engraving machine. Issued 9-11-34. (28)
- 1,972,974; Becker Otto Jr. Circulatory lubricating system for rotary blowers. Issued 9-11-34. (28)
- 1,972,997; Junkers Hugo. Structural element. Issued 9-11-34. (28)
- 1,973,042; Boykow Johann Maria. Gyroscopic pendulum. Issued 9-11-34. (28)
- 1,973,058; All. Hesser Fr Maschinenfabrik A G. Rotary printing machine. Issued 9-11-34. (28)
- 1,973,082; Koros Laszlo. Circuit connection for thermionic tubes. Issued 9-11-34. (34)
- 1,973,247; All. Quieta Werke Alfred Kasper. Device for the extraction and stemming of raw unroasted coffee beans. Issued 9-11-34. (28)
- 1,973,270; Schulwitz Richard. Plant for drying moist materials. Issued 9-11-34. (28)
- 1,973,333; Craemer Paul. Hardness Tester. Issued 9-11-34. (28)
- 1,973,385; All. Fernseh A G. Television apparatus. Issued 9-11-34. (28)
- 1,973,389; Pleper Erich. Device for displaying flags and the like on airplanes. Issued 9-11-34. (28)
- 1,973,394; Schmittutz Carl. Method of impregnating wood. Issued 9-11-34. (28)
- 1,973,432; All. Ehrenreich A & Cie. Cushioning of the handle of compressed air hammers. Issued 9-11-34. (28)
- 1,973,510; Schieferstein Georg Heinrich. Device for balancing the action of forces and inertia. Issued 9-11-34. (28)
- 1,973,524; All. Gassificatore Lampo S A. Naphtha Gasifier or vaporizer. Issued 9-11-34. (38)
- 1,973,632; All. Brehmer Gebruder. Method of and mechanism for automatically opening closed book signatures and the like. Issued 9-11-34. (28)
- 1,973,647; Nagai Chogei Dec. Process of synthetically producing ephedrin homologue and its salts. Issued 9-11-34. (39)
- 1,973,656; All. Fiat S A. Multiple-way cock for use in the pneumatic control of change speed gears. Issued 9-11-34. (38)
- 1,973,739; All. Allioni Umberto. Device more particularly adapted for sharpening blades. Issued 9-18-34. (38)
- 1,973,741; Bauer Bruno. Steel structure. Issued 9-18-34. (6)
- 1,973,742; Bauer Bruno. Arch construction. Issued 9-18-34. (6)
- 1,973,781; Richter Theodor. Flat hosiery frame. Issued 9-18-34. (28)
- 1,973,816; Stedefeld Curt Druckenberg Franz et al. Vehicle roller mounting. Issued 9-18-34. (28)
- 1,973,864; Biffar Andreas. Centrifugal sieving machine. Issued 9-18-34. (28)
- 1,973,874; Marischka Carl. Gas generator. Issued 9-18-34. (6)
- 1,973,896; All. Astrawerke A G. Multiple counter calculating and registering machine. Issued 9-18-34. (28)
- 1,973,979; Fuchs Gottfried Spath Hermann et al. Method of ignition and mixture compressing internal combustion engine. Issued 9-18-34. (28)
- 1,973,989; All. Hinz Fabrik GmbH. Fastening device for flat articles. Issued 9-18-34. (28)
- 1,973,998; All. Aceta GmbH. Sizing artificial silk. Issued 9-18-34. (28)
- 1,974,028; All. Schluter Theodor Sen. Process for the baking of bread. Issued 9-18-34. (28)
- 1,974,034; Pelleriti Vincenzo Carmelo. Fire prevention device for storage tanks. Issued 9-18-34. (38)
- 1,974,046; All. Hesser Fr Maschinenfabrik A G. Machine for wrapping up oranges or similar articles. Issued 9-18-34. (28)
- 1,974,121; Normelli Wulff Berzelius. Control device for a heat transfer system. Issued 9-18-34. (28)
- 1,974,157; All. Toa Denki Kabushiki Kaisha. Brush actuating device for a repulsion-starting electric motor. Issued 9-18-34. (39)
- 1,974,243; All. Brehmer Gebruder. Mechanism for connecting signatures in a signature handling machine. Issued 9-18-34. (28)
- 1,974,281; Karollus Edmund. Blasting and dynamiting. Issued 9-18-34. (6)
- 1,974,336; Kremmling Aribert. Depositing machine. Issued 9-18-34. (28)
- 1,974,337; Magnani Alessandro. Process for obtaining hollow bodies formed of plastic materials. Issued 9-18-34. (38)
- 1,974,433; Risdorfer Edmond. Arrangement for the automatic regulation of the length of time of exposure in taking photographic pictures. Issued 9-25-34. (34)
- 1,974,435; All. Vereinigte Stahlwerke A G. Method of increasing the resistance to corrosion of steel and cast iron. Issued 9-25-34. (28)
- 1,974,478; Weber Guglielmo. Apparatus for producing blocks of carbon dioxide snow by means of liquid CO. Issued 9-25-34. (38)
- 1,974,482; All. Barmer Maschinenfabrik A G. Thread guide drive for centrifugal spinning machines. Issued 9-25-34. (28)
- 1,974,490; Schaffler Glossl Konrad. Electromagnetic spark ignition apparatus. Issued 9-25-34. (6)
- 1,974,497; All. Barmer Maschinenfabrik A G. Twisting machine for conical cross bobbins specially for artificial silk. Issued 9-25-34. (28)
- 1,974,504; Mohrenwitz Friedrich. Safety razor. Issued 9-25-34. (28)
- 1,974,507; All. I G Farbenindustrie A G. Process of producing heavy metal and alkali earth metal salts of naphthenic acids. Issued 9-25-34. (28)
- 1,974,513; All. Markmiller Ludwig. Automatic feed welding and fusion cutting machine. Issued 9-25-34. (28)
- 1,974,514; Schieferstein Georg Heinrich. Driving gear with automatically-alternating transmission. Issued 9-25-34. (28)
- 1,974,515; Schinze Otto. Card filing folder. Issued 9-25-34. (28)
- 1,974,516; All. Lehmann Ernst Paul. Top. Issued 9-25-34. (28)
- 1,974,545; Salto Salvatore. Wireless transmission system. Issued 9-25-34. (38)
- 1,974,548; All. Magyr Ruggyantaarugyar. Process for the production of rubber toys. Issued 9-25-34. (34)
- 1,974,554; All. Weidner Catharina. Process for the production of amino acids from substances containing keraczn. Issued 9-25-34. (28)
- 1,974,714; Junghanel Richard et al; Gross Hans. Compound for preparing matrices for printing purposes. Issued 9-25-34. (28)
- 1,974,730; Zollinger Fritz. Steel girder for concrete structures. Issued 9-25-34. (28)
- 1,974,743; Junker Otto. Electric muffle furnace. Issued 9-25-34. (28)
- 1,974,746; Kuhnen Hermann. Removable wheel for motor and other vehicles. Issued 9-25-34. (28)
- 1,974,760; Usbeck Christian. Box opener with rotary drive. Issued 9-25-34. (28)
- 1,974,820; Krell Jr Otto. Appliance for treatment by sun rays. Issued 9-25-34. (28)
- 1,974,838; Schmid Max. Screwless metal constructional set. Issued 9-25-34. (28)
- 1,974,876; Schack Alfred. Heat Exchanger. Issued 9-25-34. (28)
- 1,974,884; Von Opel Fritz. Steering apparatus for aircraft. Issued 9-25-34. (28)

- 1,974,911; Buecker Hubert; Buecker Heinrich et al. Television. Issued 9-25-34. (28)
- 1,974,920; All. Electroacoustic GmbH. Subaqueous sound device with inclined diaphragms. Issued 9-25-34. (28)
- 1,974,951; Doorentz Richard. Sound damping intermediate layer for ceilings walls and the like. Issued 9-25-34. (28)
- 1,975,033; All. Selas A G. Oil burner. Issued 9-25-34. (28)
- 1,975,043; Hoffmann Paul. Building element. Issued 9-25-34. (28)
- 1,975,115; Dahl Otto; Masing Georg et al. Article subject to abrasion. Issued 10-2-34. (28)
- 1,975,205; Frandfurther Paul. Double stand-up collar. Issued 10-2-34. (28)
- 1,975,212; Kobayashi Teruasa. Net making machine. Issued 10-2-34. (39)
- 1,975,216; Wecker Joseph. Copper base alloy. Issued 10-2-34. (28)
- 1,975,431; Okume Yelichi. Net making machine. Issued 10-2-34. (39)
- 1,975,534; Brusck Friedrich Wilhelm. Flanged iron section. Issued 10-2-34. (28)
- 1,975,560; Sollich Robert. Apparatus for boiling viscous solutions. Issued 10-2-34. (28)
- 1,975,567; Dossmann Wilhelm. Fastening device for rotary brushes and the like. Issued 10-2-34. (28)
- 1,975,703; Vitale Giorgio. Fluid-tight glass closure for metallic containers. Issued 10-2-34. (38)
- 1,975,712; Bretschneider Max. Device for producing adjusting motions in automatic machinery. Issued 10-2-34. (28)
- 1,975,714; Dallenbach Walter. Arrangement for controlling the gas discharge in electric discharge vessels. Issued 10-2-34. (28)
- 1,975,723; Johnssen Heinrich. Pencil. Issued 10-2-34. (28)
- 1,975,840; All. Maschinenfabrik Augsburg Nurnberg. Combustion power locomotive with direct and indirect transmission to the drive wheels. Issued 10-9-34. (28)
- 1,975,897; All. I G Farbenindustrie A G. Manufacture of cellulose mixed esters. Issued 10-9-34. (28)
- 1,975,899; Jung Karl. Machine for grinding the inner surfaces of cylinders or the like. Issued 10-9-34. (28)
- 1,975,954; All. Klockner Werke A G. Method of producing magnesia deficient in lime and calcium nitrate from dolomite. Issued 10-9-34. (28)
- 1,975,971; All. Vogel M A G. Holder for loose leaf binders and the like. Issued 10-9-34. (28)
- 1,975,972; Peschke Arno. Insole. Issued 10-9-34. (28)
- 1,975,978; Schieferstein Georg Heinrich. Means for transmitting energy in oscillatory form. Issued 10-9-34. (28)
- 1,975,983; Spengler Johann Peter. Continuously-operating sliding press provided with a rectilinearly-reciprocating press table guided in the carriage. Issued 10-9-34. (28)
- 1,976,090; Platzer Josef. Variable speed gear. Issued 10-9-34. (6)
- 1,976,143; All. Drews Paul. Cooling device for the glass plates of copying frames. Issued 10-9-34. (28)
- 1,976,148; Sonntag Xaver. Machine for beading over sheet metal flanges. Issued 10-9-34. (28)
- 1,976,158; All. Typograph GmbH. Matrix setting and type line casting machine. Issued 10-9-34. (28)
- 1,976,182; All. I G Farbenindustrie A G. Drier for coating material. Issued 10-9-34. (28)
- 1,976,188; Nozawa Ichiro. Arcuate truss. Issued 10-9-34. (39)
- 1,976,210; Bardt Hans. Method of hardening iron and steel. Issued 10-9-34. (28)
- 1,976,233; All. Vereinigte Stahlwerke A G. Grinding apparatus. Issued 10-9-34. (28)
- 1,976,247; Rohn Wilhelm. Wire drawing machine. Issued 10-9-34. (28)
- 1,976,256; Fruh Karl. Grater for potatoes or the like. Issued 10-9-34. (28)
- 1,976,259; All. Universelle cigarettenmaschinen. Machine for folding paper bags. Issued 10-9-34. (28)
- 1,976,281; All. Rado Leopold. Affixable corner mount for pictures. Issued 10-9-34. (28)
- 1,976,282; Izumiya Kichiro. Acoustic wall board. Issued 10-9-34. (39)
- 1,976,285; All. Brehmer Gebruder. Wire stitching machine for stitching corrugated cardboard cartons or the like. Issued 10-9-34. (28)
- 1,976,286; Kreidler Anton. Cam gear for internal combustion engines. Issued 10-9-34. (28)
- 1,976,287; Lauenstein Otto. Wrapping and labeling small articles. Issued 10-9-34. (28)
- 1,976,288; Ludewigs Carl. Pocket stamp. Issued 10-9-34. (28)
- 1,976,293; Prandtl Wilhelm. Process for the separation of hafnium and zirconium. Issued 10-9-34. (28)
- 1,976,325; Caprotti Arturo. Poppet valve gear. Issued 10-9-34. (38)
- 1,976,352; Maul Micheal. Perforating machine for records. Issued 10-9-34. (28)
- 1,976,357; All. Schumag Schumacher Metallwerke A 7. Machine for straightening drawing and polishing rods. Issued 10-9-34. (28)
- 1,976,369; All. Vereinigte Eisenbahn Signalwerke. Apparatus for counting the axles of a train. Issued 10-9-34. (28)
- 1,976,402; All. Knorr Bremse A G. Power operated mechanism. Issued 10-9-34. (28)
- 1,976,447; Keck Karl. Hydro-mechanically operated tube extrusion press. Issued 10-9-34. (28)
- 1,976,486; All. Typograph GmbH. Matrix-setting and type-line casting machine. Issued 10-9-34. (28)
- 1,976,540; All. Maschinenfabrik Augsburg Nurnberg. Stereotyping apparatus. Issued 10-9-34. (28)
- 1,976,564; Jourdan Felix. Process for the treatment of silicates with acids in order to obtain their soluble salts. Issued 10-9-34. (38)
- 1,976,631; Pferdenges Heinrich. Stuff for garments. Issued 10-9-34. (28)
- 1,976,677; All. I G Farbenindustrie A G. Production of alkylene derivatives from alkylene oxides. Issued 10-9-34. (28)
- 1,976,679; All. I G. Farbenindustrie A G. Production of dispersions. Issued 10-9-34. (28)
- 1,976,691; Rambold Adolf. Conveying and flattening device for small bags filled with tea or the like. Issued 10-9-34. (28)
- 1,976,710; Carpentieri Vincenzo. Tomato peeling machine. Issued 10-16-34. (38)
- 1,976,793; Mangold Stefan. Air tight closed hollow body. Issued 10-16-34. (6)
- 1,976,870; Weber Anton. Cooking range flame protector. Issued 10-16-34. (6)
- 1,977,095; Spielmann Emerich. Photo-electric musical instrument. Issued 10-16-34. (6)
- 1,977,104; Wittmers Otto. Device for the releasable fixing of the reed of looms. Issued 10-16-34. (28)
- 1,977,151; Schottky Walter. Electric fire lighting apparatus. Issued 10-16-34. (28)
- 1,977,178; All. I G Farbenindustrie A G. Production of 1 3 5 trimethyl benzene. Issued 10-16-34. (28)
- 1,977,382; Gruis Adolph. Appliance for driving in nails. Issued 10-16-34. (28)
- 1,977,383; Gruis Adolph. Device for hammering in nails. Issued 10-16-34. (28)
- 1,977,388; Iberg Heinz. Induction electric furnace. Issued 10-16-34. (28)
- 1,977,420; Beche Hans. Hammer top. Issued 10-16-34. (28)
- 1,977,525; All. Chemische und Pharmazeutische. Manufacture of adenosine phosphoric acid. Issued 10-16-34. (28)
- 1,977,671; All. Egeyest Izzolampa es process of sealing of gas filled containers. Issued 10-23-34. (34)
- 1,977,689; Muller Paul. Optical system. Issued 10-23-34. (28)
- 1,977,752; Baj Alessandro. Internal combustion engine. Issued 10-23-34. (38)
- 1,977,851; Hepperie Heinrich. Stamper and hammer for foundries. Issued 10-23-34. (28)
- 1,977,923; All. Holzhdrolyse A G. Process for separating dissolved volatile substances from their solvents. Issued 10-23-34. (28)
- 1,977,924; All. Salge Willy and Co Technische. Eccentric reversing device for multiple cylinder engines. Issued 10-23-34. (28)
- 1,977,943; All. Nazionale Ci Aeronautica. Planetary reduction gearing for radial airplane engines. Issued 10-23-34. (38)
- 1,977,946; Kammer Karl. Apparatus for connecting together individual articles. Issued 10-23-34. (28)
- 1,977,950; Morhard Friedrich. Variable speed electric motor. Issued 10-23-34. (28)
- 1,977,952; Offenbacher Emil. Cutting and grinding disk. Issued 10-23-34. (28)
- 1,977,973; Rohm Otto. Treatment of skins and hides. Issued 10-23-34. (28)
- 1,977,974; All. Electroacoustic GmbH. Apparatus for the directional -----<sup>1</sup> Issued 10-23-34. (28)
- 1,977,978; All. I G Farbenindustrie A G. Carrying out catalytic oxidation. Issued 10-23-34. (28)
- 1,977,979; All. I G Farbenindustrie A G. Production of resinous condensation products. Issued 10-23-34. (28)
- 1,978,024; Lorenz Anton. Sitting and resting furniture. Issued 10-23-34. (28)
- 1,978,067; All. Lorenz C A G. High power short wave transmitting apparatus. Issued 10-23-34. (28)
- 1,978,146; All. Rheinische Metallwaren Und. Method of charging small caliber high-explosive shells. Issued 10-23-34. (28)
- 1,978,153; All. Demag A G. Cooling bank plant with several delivery channels. Issued 10-23-34. (28)
- 1,978,281; Pfaff Karl. Sewing machine. Issued 10-23-34. (28)
- 1,978,304; Gunzel Rudolf. Nonrefillable bottle. Issued 10-23-34. (28)
- 1,978,306; All. Schubert & Salzer Maschinenfabrik. Method of knitting stockings. Issued 10-23-34. (28)
- 1,978,307; All. Schubert & Salzer Maschinenfabrik. Fabric for stockings and methods of knitting same. Issued 10-23-34. (28)
- 1,978,308; All. Schubert & Salzer Maschinenfabrik. Flat hosiery frame. Issued 10-23-34. (28)
- 1,978,332; All. Stern Ges Fur Moderne. Apparatus for forming columns in situ. Issued 10-23-34. (6)
- 1,978,363; Fuchs Gottfried et al; Spath Hermann. Method and apparatus for electric riveting. Issued 10-23-34. (28)
- 1,978,392; Von Brockdorff Rudolf. Liquid level indicating means. Issued 10-23-34. (28)
- 1,978,494; Junkers Hugo. Hollow structural element. Issued 10-30-34. (28)
- 1,978,495; All. Elektrizitatsgesellschaft Sanitas. Medical instrument. Issued 10-30-34. (28)
- 1,978,541; All. Bremc Milko. Holder for toilet sticks or the like. Issued 10-30-34. (6)

<sup>1</sup> So in original document.



- 1,978,550; All. Schlafhorst W and Co. Supply holder for winding machines with automatic feed of the full supply bobbins. Issued 10-30-34. (28)
- 1,978,556; Sturmer Otto. Device for producing changing inscriptions. Issued 10-30-34. (28)
- 1,978,591; Meiwald Franz. Electric cable. Issued 10-30-34. (6)
- 1,978,624; Colloseus Heinrich. Primary cell. Issued 10-30-34. (28)
- 1,978,629; All. Chemische Fabrik Budenheim A G. Softening water. Issued 10-30-34. (28)
- 1,978,811; Muller Georg. Stave. Issued 10-30-34. (28)
- 1,978,821; Schmidt Fritz. Process of hardening condensation products from phenols and aldehydes. Issued 10-30-34. (28)
- 1,978,823; Stohr Josef. Process for the preparation of alumina poor in silicic acid from alkaline earth aluminates. Issued 10-30-34. (28)
- 1,978,866; All. Teves Alfred Maschinen. Fluid pump and drive means therefor. Issued 10-30-34. (28)
- 1,978,930; All. Kraupp Fried A G. Lens transfer device. Issued 10-30-34. (28)
- 1,979,013; All. Felten & Guilleaume Carlswerk A G. Rolling of stranded electrical conductors. Issued 10-30-34. (28)
- 1,979,015; All. Vereinigte Stahlwerke A G. Steel alloy. Issued 10-30-34. (28)
- 1,979,033; All. I G Farbenindustrie A G. Process for the manufacture of sulphoethyl compounds of arylamino sulphonic acids. Issued 10-30-34. (28)
- 1,979,121; Rotta Walter. Method for treating textile goods of any description. Issued 10-30-34. (28)
- 1,979,137; All. Alterum Kredit A G. Manufacture of sodium carbonate ammonium chloride sodium nitrate and hydrochloric acid. Issued 10-30-34. (28)
- 1,979,149; All. Pirelli S I. Stop joint for liquid-filled cables. Issued 10-30-34. (38)
- 1,979,150; All. Soc Italiana Pirelli. Feeding joint. Issued 10-30-34. (38)
- 1,979,151; All. Alterum Kredit A G. Manufacture of alkali carbonate or alkali hydroxide. Issued 10-30-34. (28)
- 1,979,161; Klein Wilhelm et al; Moering Georg. Multiple-expansion engine. Issued 10-30-34. (28)
- 1,979,176; Schicht Friedrich. Pneumatic conveyor. Issued 10-30-34. (28)
- 1,979,184; Ziegler Julius Franz. Transverse-driven body. Issued 10-30-34. (6)
- 1,979,186; Biemer Heinrich. Lock. Issued 10-30-34. (28)
- 1,979,201; Krauss Friedrich Eml. Method of extending the cooling action of ice. Issued 10-30-34. (28)
- 1,979,232; All. Edeleanu GmbH. Method of recovering So used in refining mineral oils. Issued 10-30-34. (28)
- 1,979,393; Marguerre Fritz. Thermodynamic energy storage method. Issued 11-6-34. (28)
- 1,979,396; All. Durkopp Werke A G. Stretching and cutting device on machines for pulling out threads. Issued 11-6-34. (28)
- 1,979,412; Schwarz Phillip. Spool or bobbin for roll films. Issued 11-6-34. (28)
- 1,979,419; Still Carl. Leveling bar. Issued 11-6-34. (28)
- 1,979,467; Hellmuth Fritz. Temperature regulating device for beds or bedrooms. Issued 11-6-34. (28)
- 1,979,495; Scheiber Johannes. Process for the manufacture of varnishes and the like. Issued 11-6-34. (28)
- 1,979,496; All. Hesser F R. Device for closing filled bags. Issued 11-6-34. (28)
- 1,979,545; Heidemann Georg. Automotive vehicle. Issued 11-6-34. (28)
- 1,979,624; All. Universelle Cigarettenmaschinen. Apparatus for the uniform distribution of tobacco in the spreader of a cigarette making machine. Issued 11-6-34. (28)
- 1,979,626; Koidl Thomas. Means for manufacturing hollow buildings. Issued 11-6-34. (28)
- 1,979,629; All. Vereingte Stahlwerke Aktien. Steel and process for its production. Issued 11-6-34. (28)
- 1,979,645; All. I G Farbenindustrie Aktiengesell. Coating preparations. Issued 11-6-34. (28)
- 1,979,648; All. Universelle Cigarettenmaschinen. Method and apparatus for making cigar fillers. Issued 11-6-34. (28)
- 1,979,663; All. Breuning Friedrich. Ball and roller bearing. Issued 11-6-34. (28)
- 1,979,719; Weisse Ernst. Photographic camera. Issued 11-6-34. (28)
- 1,979,909; Schulz Herbert. Continuously operating centrifugal machine. Issued 11-6-34. (28)
- 1,979,930; Schmieske Carl. Bauer Gustav. et al. Power transmitter. Issued 11-6-34. (28)
- 1,979,931; Beche Hans. Swaging hammer. Issued 11-6-34. (28)
- 1,980,137; All. Lindstrom Carl Aktiengesellschaft. Electrical reproducer for disk records. Issued 11-6-34. (28)
- 1,980,199; All. Elektrizitätsgesellschaft Sanitas. Walter Faucet. Issued 11-13-34. (28)
- 1,980,270; Harkort Hermann. Process for manufacturing hollow building plates from ceramic material. Issued 11-13-34. (28)
- 1,980,277; All. Rhein Schelde Ges fur Ingenieurwebv. Motor-driven vehicle. Issued 11-13-34. (28)
- 1,980,278; All. Lehmann Carl J. Sewing machine. Issued 11-13-34. (28)
- 1,980,333; Haessler Paul. Pressure die casting machine with device for uniformly controlling the movable parts by means of gaseous and hydraulic pressure media. Issued 11-13-34. (28)
- 1,980,342; All. Chemische Fabrik R Baumeheier A G. Sulphonated oils fats or acids thereof and the process of manufacturing the same. Issued 11-13-34. (28)
- 1,980,346; Meckel Josef Heinrich Jr. Book-keeping machine. Issued 11-13-34. (28)
- 1,980,350; Okado Hiroshi. Reservoir pen. Issued 11-13-34. (39)
- 1,980,414; All. Oranienburger Chemische Fabrik A G. Process for the production of sulpho-acids of high molecular weight. Issued 11-13-34. (28)
- 1,980,498; Nitsche Alfred. Method for mercerizing cotton fibers. Issued 11-13-34. (28)
- 1,980,519; All. Rompler Julius A G. Radioactive rubber threads. Issued 11-13-34. (28)
- 1,980,554; All. Klingelberg W Ferd Sohne Firm. Method of and device for producing conjugate worm gearings. Issued 11-13-34. (28)
- 1,980,556; Sintich Viktor. Photographic surveying apparatus. Issued 11-13-34. (28)
- 1,980,558; All. Haubold C G A G. Drying of fabrics. Issued 11-13-34. (28)
- 1,980,560; Thyssen Gustav. Duplicating block. Issued 11-13-34. (28)
- 1,980,608; All. Oesterreichischen Fezfabriken A G. Felt for paper machines. Issued 11-13-34. (6)
- 1,980,616; All. Teves Alfred. Cylinder for hydraulic brakes. Issued 11-13-34. (28)
- 1,980,617; All. Teves Alfred Co. Hydraulic opening and closing device. Issued 11-13-34. (28)
- 1,980,638; All. Boehringer C H Sohn Firm. Method for making hydrogenation products of ketones of the pyridine and piperidine series. Issued 11-13-34. (28)
- 1,980,639; Schlesinger Alfred. Inking apparatus and method of operating the same. Issued 11-13-34. (28)
- 1,980,640; Schneider Georg. Drinking trough for animals. Issued 11-13-34. (28)
- 1,980,659; Boldt Johannes. Note block. Issued 11-13-34. (28)
- 1,980,719; All. Volta GmbH. Heating element for electric cooking and heating apparatus. Issued 11-13-34. (28)
- 1,980,741; Bevacqua Aldo. Piston and cylinder assembly. Issued 11-13-34. (38)
- 1,980,763; Schreiber Otto. Dust exhausting apparatus. Issued 11-13-34. (28)
- 1,980,868; Maltner Carl. Friction lighter. Issued 11-13-34. (28)
- 1,980,873; Niederreither Hans. Electrolyzer and electric accumulator. Issued 11-13-34. (28)
- 1,980,874; All. Mauser Werke A G. Quick firing pistol. Issued 11-13-34. (28)
- 1,980,959; All. I G Farbenindustrie A G. Artificial mass. Issued 11-13-34. (28)
- 1,981,086; Beauvisage Johann. Device for uniting package and bale hoops. Issued 11-20-34. (28)
- 1,981,105; Hieber Karl Victor. Elastic knife edge bearing for measuring appliances. Issued 11-20-34. (6)
- 1,981,111; Landau Robert. Method of and machine for applying caps to the openings of receptacles such as bottles. Issued 11-20-34. (6)
- 1,981,195; All. Losenhausenwerk. Device for the indication of alternating pressures. Issued 11-20-34. (28)
- 1,981,322; Nakajima Tomomasa et al; Takayanagi Kenjiro. Cathode ray tube. Issued 11-20-34. (39)
- 1,981,323; Palazzo Francesco Carlo et al; Palazzo Fortunato. Process for producing wood cellulose comparable to cotton with high tenor of alkali resisting cellulose. Issued 11-20-34. (38)
- 1,981,390; All. Felten & Guilleaume Carlswerk A G. Manufacture of stranded electric multicore cables. Issued 11-20-34. (28)
- 1,981,397; Tabozzi Giacinto. Filter. Issued 11-20-34. (38)
- 1,981,416; Korfmacher Anton. Metering pump. Issued 11-20-34. (28)
- 1,981,582; Colucci Giuseppe. Friction change speed gears. Issued 11-20-34. (38)
- 1,987,659; Muller Georg. Stave or bottom for barrels and vats, etc. Issued 11-30-34. (28)
- 1,981,675; Stapp Philipp. Method of producing solid carbon dioxide. Issued 11-20-34. (28)
- 1,981,676; Stapp Philipp. Apparatus for the production of solid carbon dioxide. Issued 11-20-34. (28)
- 1,981,682; All. Schliess Defries A G. Machine tool. Issued 11-20-34. (28)
- 1,981,692; Dichter Jakob. Feeding means for glass tube manipulating machines. Issued 11-20-34. (28)
- 1,981,722; All. Koppel Rudolf Heinrich. Manufacture and production of porous rubber. Issued 11-20-34. (28)
- 1,981,732; Kaiser Friedrich. Method and device for mechanically attaching pins to fly catcher tapes. Issued 11-20-34. (28)
- 1,981,766; All. Dortmund Hoerder Huttenverein A G. Burner for liquid fuel especially for cutting and welding under water. Issued 11-20-34. (28)
- 1,981,917; Kimura Kesao. Multicolor pencil. Issued 11-27-34. (39)
- 1,982,017; Oser Alfred. Apparatus for multiplying records. Issued 11-27-34. (6)
- 1,982,027; Sieper Fritz. Casing for circular piston engines. Issued 11-27-34. (28)
- 1,982,468; Drapal Ottokar. Endless track for vehicles. Issued 11-27-34. (6)

- 1,982,472; Heetkamp Heinrich. Revolving device for pilger mills. Issued 11-27-34. (28)
- 1,982,513; All. Edeleanu GmbH. Process for continuous refining of mineral oils with liquid SO<sub>2</sub> and the like. Issued 11-27-34. (28)
- 1,982,530; Mikut Paul Oskar. Method of projecting cinematographic pictures in natural colors. Issued 11-27-34. (28)
- 1,982,537; All. Reiss & Klemm. Oscillating motor fan. Issued 11-27-34. (28)
- 1,982,563; Wimmer Anton. Method of plating iron with aluminum and product thereof. Issued 11-27-34. (28)
- 1,982,604; All. I G Farbenindustrie A G. Process for the manufacture of white pigment. Issued 11-27-34. (28)
- 1,982,672; All. Drucktransformatoren Koene-mann. Process for the simultaneous generation of coldness and steam under pressure. Issued 12-4-34. (28)
- 1,982,743; All. Brehmer Gebrüder. Wire stitching or stapling machine. Issued 12-4-34. (28)
- 1,982,745; All. Drucktransformatoren Koene-mann. Method of transforming heat energy. Issued 12-4-34. (28)
- 1,982,747; Kurth Franz Josef. Ventilating device. Issued 12-4-34. (28)
- 1,982,760; All. I G Farbenindustrie A G. Solvent for preparing cellulose ethyl lacquers. Issued 12-4-34. (28)
- 1,982,765; All. I G Farbenindustrie A G. Artificial mass. Issued 12-4-34. (28)
- 1,982,774; All. I G Farbenindustrie A G. Mirror. Issued 12-4-34. (28)
- 1,982,841; Tamini Mario. Priming mechanism for portable pumps. Issued 12-4-34. (38)
- 1,982,881; All. I G Farbenindustrie A G. Manufacture of coatings and the like artificial masses. Issued 12-4-34. (28)
- 1,982,985; All. I G Farbenindustrie A G. Process of preparing hydrogenated amines. Issued 12-4-34. (28)
- 1,983,005; All. Zaiden Hojin Rikagaku Ken-kyujo. Positive sensitized paper. Issued 12-4-34. (39)
- 1,983,006; All. I G Farbenindustrie A G. Antirust paint. Issued 12-4-34. (28)
- 1,983,035; Izawa Riichiro. Means for manufacturing brush handles. Issued 12-4-34. (39)
- 1,983,038; All. Barmer Maschinenfabrik A G. Drive arrangement for twisting machines with spindles arranged on both sides. Issued 12-4-34. (28)
- 1,983,090; Kolsch Reinhard. Machine for universally milling grinding and drilling workpieces of all kinds. Issued 12-4-34. (28)
- 1,983,194; All. Rekuperator GmbH. Re-cuperator. Issued 12-4-34. (28)
- 1,983,214; Brylski Lukas. Apparatus for grinding and stropping hollow ground razor blades. Issued 12-4-34. (28)
- 1,983,226; All. Gretsch Unitas GmbH. Skite. Issued 12-4-34. (28)
- 1,983,231; Keitel Hans Julius. Fluid meter. Issued 12-4-34. (28)
- 1,983,238; Mucklich Max. Antiskid tire for motor vehicles. Issued 12-4-34. (28)
- 1,983,242; Rohn Wilhelm. Induction furnace. Issued 12-4-34. (28)
- 1,983,260; Zorzi Carlo. Combined motor and compressor. Issued 12-4-34. (38)
- 1,983,261; Zorzi Carlo. Pump or compressor. Issued 12-4-34. (38)
- 1,983,262; Zorzi Carlo. Combined motor and compressor. Issued 12-4-34. (38)
- 1,983,276; All. Kuchenmeister S Interna-tionale. Driving apparatus for sound films. Issued 12-4-34. (28)
- 1,983,296; All. Lawaczek GmbH in Liquidation. Arrangement in multicell electro-lyzers. Issued 12-4-34. (28)
- 1,983,313; Schonfelder Robert. Sulfur separator. Issued 12-4-34. (28)
- 1,983,405; Schmidt Paul. Method of producing motive forces on aircraft by the explosion of inflammable mixtures of substances. Issued 12-4-34. (28)
- 1,983,413; All. Soc Italiana Pirelli. Device for twisting textile filamentary material. Issued 12-4-34. (38)
- 1,983,465; All. Brehmer Geb. Thread severing mechanism. Issued 12-4-34. (28)
- 1,983,472; Lancia Vincenzo. Sprag device for automotive vehicles. Issued 12-4-34. (38)
- 1,983,497; Henninger Albert Berthold. Self supporting car body made of sheet metal. Issued 12-4-34. (28)
- 1,983,587; Abel August. Device for recording check values and maintaining balance. Issued 12-11-34. (28)
- 1,983,623; Ludecke Georg. Method of making a dry cell bobbin. Issued 12-11-34. (28)
- 1,983,690; Behrens Josef. Method of manufacturing wall paper. Issued 12-11-34. (28)
- 1,983,756; Hessmert August. Handle grip. Issued 12-11-34. (28)
- 1,983,773; Prina Giuseppe. Combination lock. Issued 12-11-34. (38)
- 1,983,896; Botcher Paul. High speed double rotor motor. Issued 12-11-34. (28)
- 1,983,908; Lippmann Ludwig Max. Method of denicotinizing tobacco. Issued 12-11-34. (28)
- 1,983,955; All. Zahnradfabrik Friedrichs-hafen A G. Change speed gear. Issued 12-11-34. (28)
- 1,983,960; All. Fuld H and Co Telehon und. Current impulse transmitter. Issued 12-11-34. (28)
- 1,983,964; Berardinelli Alfredo. Hull construction. Issued 12-11-34. (38)
- 1,983,972; All. Soc. Italiana Pirelli. Manu-facture of rubber and articles thereof. Issued 12-11-34. (38)
- 1,983,977; Geiger Carl. Pipe coupling. Issued 12-11-34. (28)
- 1,983,982; Knollenberg Rudolf. Apparatus for applying liquid fats fat emulsions and the like to a rotating drum. Issued 12-11-34. (28)
- 1,984,015; Ganz Joseph. Pedal arrangement for vehicles. Issued 12-11-34. (28)
- 1,984,044; Sukohl Heinrich. Propeller and method of manufacturing the same. Issued 12-11-34. (28)
- 1,984,100; Von Schutz Friedrich. Prepay-ment mechanism for gas meters. Issued 12-11-34. (28)
- 1,984,141; All. Paasch Johannes. Valve stamping machine. Issued 12-11-34. (28)
- 1,984,164; All. Degea A G Auergesellschaft. Process and apparatus for purifying air vitiated with mercury vapors. Issued 12-11-34. (28)
- 1,984,263; All. Schon and Cle A G. Machine for delasting boots and shoes. Issued 12-11-34. (28)
- 1,984,264; Gualtierotti Gualtiero. Cinemato-graphic picture-taking and projecting machine. Issued 12-11-34. (38)
- 1,984,369; All. Drucktransformatoren Koene-mann. Heat carrier for high temperatures. Issued 12-18-34. (28)
- 1,984,417; All. I G Farbenindustrie A G. Production of artificial masses. Issued 12-18-34. (28)
- 1,984,471; All. Siemens & Halske A G. Len-ticulated film. Issued 12-18-34. (28)
- 1,984,472; All. Aceta GmbH. Manufacture of artificial threads. Issued 12-18-34. (28)
- 1,984,477; All. I G Farbenindustrie A G. Articles from cellulose derivatives of the higher fatty acids. Issued 12-18-34. (28)
- 1,984,501; All. Anker Werke A G. Thread drawing machine. Issued 12-18-34. (28)
- 1,984,531; All. Siemens Schuckertwerke A G. Sprayer employed in watering areas of land. Issued 12-18-34. (28)
- 1,984,625; Baldauf Gustav. Process for the production of facings of pressed cork for rollers drums pulleys and the like. Issued 12-18-34. (28)
- 1,984,640; Grotewold Otto. Collar button. Issued 12-18-34. (28)
- 1,984,664; Teves Alfred. Sectional rotary compressor. Issued 12-18-34. (28)
- 1,984,671; All. I G Farbenindustrie A G. Splinterless material particularly splinter-less glass. Issued 12-18-34. (28)
- 1,984,745; All. Erben Von Giesches Georg Firm. Electrodeposition of zinc. Issued 12-18-34. (28)
- 1,984,746; All. Austro Daimler Puchwerke A G. Railroad vehicle. Issued 12-18-34. (6)
- 1,984,757; All. I G Farbenindustrie A G. Process of decomposing thiocyanic acid. Issued 12-18-34. (28)
- 1,984,837; Kronenberg Rudolf. Measuring apparatus for rolled material. Issued 12-18-34. (28)
- 1,984,898; All. Durkopp Werke A G. Pro-cess and apparatus for copying photographs. Issued 12-18-34. (28)
- 1,984,926; All. Anker L Maschinenfabrik. Manufacture of galvanic cells. Issued 12-18-34. (28)
- 1,984,929; Janzen Otto. Synchronous motor. Issued 12-18-34. (28)
- 1,984,962; All. United Cigarette Machine Co A G. Device for reversing cigarettes and similarly shaped articles of manufacture when packing same. Issued 12-18-34. (28)
- 1,984,980; All. Universelle Cigarettenma-schinen. Apparatus for conveying cut tobacco. Issued 12-18-34. (28)
- 1,984,981; All. Universelle Cigarettemaschin-en. Device for transferring articles from and continuously moving conveyor band to another conveyor band. Issued 12-18-34. (28)
- 1,985,056; Pferdenges Heinrich. Method and apparatus for regulating the weight of the laps produced by the.....<sup>1</sup> Issued 12-18-34. (28)
- 1,985,072; All. Zeiss Carl Firm. Device for illuminating microscopic objects with in-cident light. Issued 12-18-34. (28)
- 1,985,091; All. Kienzle taxameter und Appa-rate A G. Rotor for self starting synchro-nous electric motors for clocks and the like. Issued 12-18-34. (28)
- 1,985,241; Daya Werner. Device for remov-ing disturbances in wireless transmission. Issued 12-25-34. (28)
- 1,985,258; All. Faltlhauser Willy. Bottle clo-sure. Issued 12-25-34. (28)
- 1,985,415; All. Lorenz C A G. Signaling system. Issued 12-25-34. (28)
- 1,985,441; Bossner Franz et al; Marischka Carl. Production of gases poor in carbon monoxide. Issued 12-25-34. (6)
- 1,985,462; Schapiro Georg. Method of and machine for producing bundled small wood. Issued 12-25-34. (28)
- 1,985,463; All. Lehmann Ernst Paul. Spin-ning top toy. Issued 12-25-34. (28)
- 1,985,553; Ruff Wolfram. Process of making cast iron. Issued 12-25-34. (28)
- 1,985,661; All. Bohme H Th A G. Process for drenching hides. Issued 12-25-34. (28)
- 1,985,737; Mayr Hermann. Process of manu-facturing of light nailable bricks. Issued 12-25-34. (28)
- 1,985,751; Vogel Max. Match case. Issued 12-25-34. (28)
- 1,985,784; Jordan Franz. Process for the pro-duction of aluminum plated zinc sheet. Issued 12-25-34. (28)
- 1,985,795; All. Vereinigte Stahlwerke A G. Sheet piling. Issued 12-25-34. (28)
- 1,985,828; Himmelmann Adolf. Protective rolling screen for windows doors and the like. Issued 12-25-34. (28)

<sup>1</sup> So in original document.



- 1,985,833; All. Berlin Karlsruher Industrie Werke. Method of making grooved sleeves. Issued 12-25-34. (28)
- 1,985,858; Gerdtz Gustav Friedrich. Discharge valve for tank cars. Issued 12-25-34. (28)
- 1,985,861; Jereczek Viktor. Thread spindle gearing. Issued 12-25-34. (28)
- 1,985,927; Jansen Bernhard. Step-switch arrangement for tapping transformers. Issued 1-1-35. (28)
- 1,985,928; Jansen Bernhard. Load change-over switch for step transformers. Issued 1-1-35. (28)
- 1,985,937; All. I. G. Farbenindustrie A. G. Product of methylolurea. Issued 1-1-35. (28)
- 1,986,040; Buhler Georg. Plain bearing. Issued 1-1-35. (6)
- 1,986,044; Casaburi Vittorio. Process of producing fungicides and insecticides. Issued 1-1-35. (38)
- 1,986,053; Friess Hans. Rewinding apparatus for sound films. Issued 1-1-35. (28)
- 1,986,060; Heller Maximilian. Easy chair and the like. Issued 1-1-35. (6)
- 1,986,070; Rosenfeld Hermann. Creping of paper the longitudinal direction. Issued 1-1-35. (28)
- 1,986,072; IM Schlaa Friedrich. Device for the manufacture of shaped pieces from annular blanks. Issued 1-1-35. (28)
- 1,986,080; Still Carl. Recovery of byproducts from distillation gases. Issued 1-1-35. (28)
- 1,986,083; Tolkein Fritz. Steam engine valve gear. Issued 1-1-35. (28)
- 1,986,084; Tolkien Fritz. Controlling means for double acting reciprocating engines without flywheel. Issued 1-1-35. (28)
- 1,986,137; All. Brunsviga Maschinenwerke Grimme. Adding machine. Issued 1-1-35. (28)
- 1,986,177; Zastoupil Robert. Roller planet gear. Issued 1-1-35. (6)
- 1,986,280; All. Durkopp Werke A. G. Process for the production of colored photographic pictures. Issued 1-1-35. (28)
- 1,986,335; Halbach Karl. Hydraulic and similar cement. Issued 1-1-35. (28)
- 1,986,368; Schwarz Benno. Induction motor winding. Issued 1-1-35. (28)
- 1,986,480; Mahle Ernst. Piston. Issued 1-1-35. (28)
- 1,986,485; Schmidt Carl. Rolling mill. Issued 1-1-35. (28)
- 1,986,539; Schmidt Fritz. Forced lubrication system. Issued 1-1-35. (28)
- 1,986,544; All. Eckert & Ziegler GmbH. Die casting machine. Issued 1-1-35. (28)
- 1,986,606; All. Maschinenfabrik Augsburg Nurnberg. Mixing and stirring device. Issued 1-1-35. (28)
- 1,986,646; Schade Alfred. Foot support. Issued 1-1-35. (28)
- 1,986,654; Walbinger Else. Colored picture and device for producing such picture. Issued 1-1-35. (28)
- 1,986,692; All. Steines Heinrich August. Fireproof construction material. Issued 1-1-35. (28)
- 1,986,698; All. Vereinigte Stahlwerke A. G. One-piece disk wheel. Issued 1-1-35. (28)
- 1,986,701; All. Vereinigte Stahlwerke A. G. Bottom seal for gates or the like. Issued 1-1-35. (28)
- 1,986,702; Angelini Virginio. Manufacture of iron alloys. Issued 1-1-35. (38)
- 1,986,707; Bezner Albert. Decorticating device for timber. Issued 1-1-35. (28)
- 1,986,708; Bezner Albert. Decorticating device for timber. Issued 1-1-35. (28)
- 1,986,717; Erlich Joseph; Erlich Ludwig et al. Feeding device for chaff-cutting machines and the like. Issued 1-1-35. (28)
- 1,986,749; Reuter Baptist. Manufacturing of stable solutions of eye sodium salt of diaminedioxy arsenobenzene methylsulfonic acid and the like. Issued 1-1-35. (28)
- 1,986,944; Schoene Kurt. Annular valve. Issued 1-8-35. (28)
- 1,987,028; Schlingplasser Otto. Suction sweeper. Issued 1-8-35. (28)
- 1,987,046; All. Rodas Maschinenfabrik Roderick W. Device for spraying freshly printed sheets with a subsequently solidifying liquid. Issued 1-8-35. (28)
- 1,987,171; All. I. G. Farbenindustrie A. G. Production of conversion products of caoutchouc. Issued 1-8-35. (28)
- 1,987,220; Skaupy Franz. Method and apparatus for operating incandescent bodies. Issued 1-8-35. (28)
- 1,987,250; All. Gessner A. G. Ernst. Suspension drying apparatus. Issued 1-8-35. (28)
- 1,987,318; Backenecker Fritz. Device for making rolls of sliced ham. Issued 1-8-35. (28)
- 1,987,330; Fischer Alexander Otto. Automatic door and like controlling device. Issued 1-8-35. (28)
- 1,987,435; All. Teves Alfred. Brake arrangement. Issued 1-8-35. (28)
- 1,987,440; Habann Erich. Alternating current signaling system. Issued 1-8-35. (28)
- 1,987,488; Morelli Eugenio. Sliding flexible blind for a veranda. Issued 1-8-35. (38)
- 1,987,499; Tabozzi Giacinto. Union for flexible pipes. Issued 1-8-35. (38)
- 1,987,505; All. Schumann & Co. Pressure regulator. Issued 1-8-35. (28)
- 1,987,509; Kendoff Antal. Sorting machine. Issued 1-8-35. (34)
- 1,987,523; All. Seidel Naumann A. G. Margin-regulating stop. Issued 1-8-35. (28)
- 1,987,532; Koito Genrokuro. Device for changing lamps in an illuminating unit. Issued 1-8-35. (39)
- 1,987,552; All. Montecatini Societa Generale Per. Process for the preparation of ammonium nitrate. Issued 1-8-35. (38)
- 1,987,626; All. Deutsche Werke Kiel A. G. Process of and apparatus for filling cracks and crevices. Issued 1-15-35. (28)
- 1,987,631; All. Holzwarth Gasturbinen GmbH. Compound explosion turbine. Issued 1-15-35. (28)
- 1,987,654; All. Vereinigte Eisenbahn Signalwerke. Universal relay particularly suitable for railroad safety equipment. Issued 1-15-35. (28)
- 1,987,712; Nussbaum Robert Schroder Hermann et al. Artificial teeth. Issued 1-15-35. (28)
- 1,987,765; All. Zeiss Carl Firm. Range finder for photographic purposes. Issued 1-15-35. (28)
- 1,987,826; Heumann Gustav. Showcase clamp. Issued 1-15-35. (28)
- 1,987,864; Nogamy Yaeyj. Adjusting device for warp tension in automatic looms. Issued 1-15-35. (39)
- 1,987,878; Tronier Albrecht Wilhelm. Photographic objective. Issued 1-15-35. (28)
- 1,987,958; All. Deutsche Werke Kiel A. G. Method and means for filling in concrete rocks and the like. Issued 1-15-35. (28)
- 1,987,985; Bauer Gustav et al; Schmieske Carl. Power transmission mechanism. Issued 1-15-35. (28)
- 1,988,035; Fernholz Ernst. Installation for producing carbonated beverages. Issued 1-15-35. (28)
- 1,988,039; Grob Hugo. Generator armature. Issued 1-15-35. (28)
- 1,988,049; Reiner Theodor. Door-barring device. Issued 1-15-35. (28)
- 1,988,050; Revery Gustav Rosenbusch Richard et al. Process of producing powdered phosphatide preparations. Issued 1-15-35. (28)
- 1,988,052; All. Erz und Kohle Flotation GmbH. Process for concentrating carbonate and oxidized ores and minerals. Issued 1-15-35. (28)
- 1,988,060; All. Barmer Maschinenfabrik A. G. Apparatus for twisting yarn and winding on conical cross-wound bobbins. Issued 1-15-35. (28)
- 1,988,067; All. Barmer Maschinenfabrik A. G. Driving gear for artificial silk bobbin spinning machines. Issued 1-15-35. (28)
- 1,988,075; Fiorini Guido. Building construction. Issued 1-15-35. (38)
- 1,988,223; Voss Walter. Closure for heat insulated containers. Issued 1-15-35. (28)
- 1,988,270; All. Lorenz C. A. G. Telegraphic transmitter. Issued 1-15-35. (28)
- 1,988,275; All. Lorenz C. A. G. Equal wavelength broadcasting. Issued 1-15-35. (28)
- 1,988,367; All. Uhertype A. G. Copying camera. Issued 1-15-35. (28)
- 1,988,390; All. Busch Emil A. G. Change focus objective. Issued 1-15-35. (28)
- 1,988,409; Lahl Alfred Amann Max et al. Type printing device. Issued 1-15-35. (28)
- 1,988,413; All. Magnet Werke GmbH. Friction coupling. Issued 1-15-35. (28)
- 1,988,545; All. Arduino la Victoria. Cock for coffee making machines. Issued 1-22-35. (38)
- 1,988,546; Duhan Franz. Apparatus with locking device and pressure actuated button for the delivery of products of tobacco and other cylindrical goods. Issued 1-22-35. (6)
- 1,988,559; Koch Hans. Electric circuit. Issued 1-22-35. (28)
- 1,988,564; Nernst Hermann Walther. Instrument producing music. Issued 1-22-35. (28)
- 1,988,675; Tessky Karl. Apparatus for indexing turret heads. Issued 1-22-35. (28)
- 1,988,676; Andreas Arno. Turbine for filling bags with finely divided materials. Issued 1-22-35. (28)
- 1,988,705; All. Andreas GmbH. Bag chair for bag filling machines. Issued 1-22-35. (28)
- 1,988,777; Bohrisch Gotthard. Concrete core for earth dams. Issued 1-22-35. (28)
- 1,988,799; All. Yuasa Storage Battery Co. Ltd. Manufacture of manganese dioxide. Issued 1-22-35. (39)
- 1,988,862; All. Demag A. G. Control for excavators. Issued 1-22-35. (28)
- 1,988,864; Berve Heinrich. Method of making double boomed sheet pile. Issued 1-22-35. (28)
- 1,988,884; Westphal Albert. Measuring device. Issued 1-22-35. (28)
- 1,988,895; All. Lindner Herbert GmbH. Device for dressing profiled grinding wheels. Issued 1-22-35. (28)
- 1,988,896; All. Astrawerke A. G. Multiple register machine. Issued 1-22-35. (28)
- 1,988,899; All. Schubert und Salzer Maschinenfabrns. Stocking and method of knitting same. Issued 1-22-35. (28)
- 1,988,902; Keppeler Franz. Process of working up vulcanized rubber waste. Issued 1-22-35. (28)
- 1,988,903; Krauss Friedrich. Issued 1-22-35. (6)
- 1,988,905; English Frank A Kroch Heinz et al. Manufacture of leather. Issued 1-22-35. (28)
- 1,988,913; All. Olivetti Ing C and C. Type-writer. Issued 1-22-35. (38)
- 1,988,916; Prodocimi Giuseppe Andrea. Horizontal louverlike wings rotating flying machine with beating and slidex opposite directions. Issued 1-22-35. (38)
- 1,988,918; All. Schlafhorst W and Co. Yarn beaming machine. Issued 1-22-35. (28)
- 1,988,923; All. Utilities Improvements Ltd. Purification of sugar juices. Issued 1-22-35. (28)
- 1,988,968; Gautzsch Rudolf. Boiler flue. Issued 1-22-35. (28)
- 1,988,982; All. Ehrenreich A and Cie. Cushioning device for pneumatic hammers. Issued 1-22-35. (28)
- 1,989,014; Mazzucchi Mario. Anthrax vaccine. Issued 1-22-35. (38)
- 1,989,065; All. Kalle and Co A. G. Process for preparing diazo types and light sensitive layers therefor. Issued 1-22-35. (28)

- 1,989,134; All. Siemens & Halske A G. Shutter for reproducing and copying lenticulated films. Issued 1-29-35. (28)
- 1,989,171; All. Flottmann A G. Shank collar for boring drilling punching and like tools and in appliances for attaching the same. Issued 1-29-35. (28)
- 1,989,259; All. Junkers Hugo. Structural member nitrogen tetroxide. Issued 1-29-35. (28)
- 1,989,267; Frank Albert Rudolf; Caro Nikodem et al; Wendlandt Rudolf. Issued 1-29-35. (28)
- 1,989,273; Tramm Heinrich; Fischer Thomas; Grimme Walter et al. Production of acetylene. Issued 1-29-35. (28)
- 1,989,292; All. Kwaisha Toden Denkyu Kabushiki. Incandescent electric lamp or the like and means for manufacturing same. Issued 1-29-35. (39)
- 1,989,304; All. Verpackungsbedarf GmbH. Bag and method of making same. Issued 1-29-35. (28)
- 1,989,346; All. Felten & Guillaume Carlswerk Activn. Multicore power cable. Issued 1-29-35. (28)
- 1,989,369; Krenzler Emil. Bobbin or braiding machine. Issued 1-29-35. (28)
- 1,989,370; All. Staedtler J S. Improved graphic writing and drawing lead. Issued 1-29-35. (28)
- 1,989,396; Bohne Wilhelm. Apparatus for dividing curved surfaces. Issued 1-29-35. (28)
- 1,989,425; All. I G Farbenindustrie A G. Production of butylene from ethylene. Issued 1-29-35. (28)
- 1,989,446; Ganz Joseph. Driving block arrangement for motor vehicles. Issued 1-29-35. (28)
- 1,989,448; Hasselmann Otto. Auxiliary device for pistols. Issued 1-29-35. (28)
- 1,989,453; Kasantzef Florentin. Triple valve for direct acting automatic brakes. Issued 1-29-35. (28)
- 1,989,454; Koster Johan Friedrich. Apparatus for storing and observing pictures especially small photographic pictures. Issued 1-29-35. (28)
- 1,989,456; Luschenowsky Alexander. Flux for the smelting and refining of magnesium and magnesium alloys. Issued 1-29-35. (28)
- 1,989,539; Bazzocchi Aldo. Indeflexible bobbin for spinning artificial yarns. Issued 1-29-35. (38)
- 1,989,545; Cauer Wilhelm. Electric wave filter. Issued 1-29-35. (28)
- 1,989,557; All. Kuppers Metallwerke GmbH. Soldering flux. Issued 1-29-35. (28)
- 1,989,564; Stauber Georg. Rotary machine or power engine. Issued 1-29-35. (28)
- 1,989,573; Von Loutzkoy Boris. Monotrack vehicle. Issued 1-29-35. (28)
- 1,989,579; All. Alterum Kredit Aktien Ges. Process for the production of alkaline hydrates from alkaline bicarbonate or carbonate. Issued 1-29-35. (28)
- 1,989,594; Gonyk Ignatz. Shuttle casing for sewing machines. Issued 1-29-35. (6)
- 1,989,638; Goldschmidt Max L. Reversible cuff. Issued 1-29-35. (28)
- 1,989,668. Garthe Fritz. Mixing apparatus. Issued 2-5-35. (28)
- 1,989,748; All. Siemens and Halske A G. Multicolor filter used in taking and projecting photos on lenticulated films. Issued 2-5-35. (28)
- 1,989,877; Michels Julius. Mixing machine. Issued 2-5-35. (28)
- 1,990,021; Bollinger Hanns Stephan Wilhelm. Hydrodynamic coupling for rotary shafts. Issued 2-5-35. (28)
- 1,990,028; Horn Guido. Braiding machine. Issued 2-5-35. (28)
- 1,990,029; Isabella Gioachino Benvenuto. Device for the cleaning of grooved rails. Issued 2-5-35. (38)
- 1,990,036; All. Bosch Robert A G. Electric small tool. Issued 2-5-35. (28)
- 1,990,089; Otto Carl. Process for filling joints and crevices in underburner coke oven brickwork. Issued 2-5-35. (28)
- 1,990,097; Scholler Heinrich et al; Karsch Walter. Process of converting cellulose and like into sugar with dilute acids under pressure. Issued 2-5-35. (28)
- 1,990,106; Wilhelm Ottmar. Method of making duplicating forms. Issued 2-5-35. (28)
- 1,990,122; Hauser Michael. Electrical overload circuit breaker. Issued 2-5-35. (28)
- 1,990,138; Schuster Hans. Measuring device for tube walls. Issued 2-5-35. (28)
- 1,990,140; Seiferth Hugo. Method and apparatus for producing metal bars with transverse ribs. Issued 2-5-35. (28)
- 1,990,144; Solterbeck Otto. Gearing. Issued 2-5-35. (28)
- 1,990,158; Albertz Hans. Routing machine. Issued 2-5-35. (28)
- 1,990,160; Arnold Carl. Floating toy with device for firing projectiles or rockets whilst floating. Issued 2-5-35. (28)
- 1,990,249; Pieron Hugo. Silencer for internal combustion engines. Issued 2-5-35. (28)
- 1,990,253; All. Demag A G. Track sanding device. Issued 2-5-35. (28)
- 1,990,255; Sonntag Xaver. Machine for flanging sheet metal plates. Issued 2-5-35. (28)
- 1,990,277; Feussner Otto et al; Jedele Alfred. Metals of the platinum group and certain alloys. Issued 2-5-35. (28)
- 1,990,279; Glosl Konrad Schaffler. Casing for electric shot firing machines. Issued 2-5-35. (6)
- 1,990,319; All. Hesser Fr Maschinenfabrik A G. Device for piling and counting blanks of paper or the like. Issued 2-5-35. (28)
- 1,990,325; Hopkes Henry. Dispensing device. Issued 2-5-35. (23)
- 1,990,343; Naruse Sunimaro. Process for preparing food for silk worms. Issued 2-5-35. (39)
- 1,990,349; Ritzerfeld Wilhelm. Manifolding machine. Issued 2-5-35. (28)
- 1,990,350; All. Mauser Werke A G. Calculating machine. Issued 2-5-35. (28)
- 1,990,385; Kurz Georg Jr. Bracelet extension device. Issued 2-5-35. (28)
- 1,990,415; Nocken Heinrich. Thrust rod typewriter without shifting device. Issued 2-5-35. (28)
- 1,990,510; Winkler Franz. Coaster brake for bicycles. Issued 2-12-35. (28)
- 1,990,588; All. I G Farbenindustrie A G. Artificial fibroin thread. Issued 2-12-35. (28)
- 1,990,606; All. Junkers Mororenbau GmbH. Shafting for power transmission. Issued 2-12-35. (28)
- 1,990,607; Kocks Fritz. Rolling mill having inclined rolls. Issued 2-12-35. (28)
- 1,990,615; All. I G Farbenindustrie A G. Wax. Issued 2-12-35. (28)
- 1,990,618; Schoene Kurt. Pump. Issued 2-12-35. (28)
- 1,990,715; Steffen Otto. Slicing device. Issued 2-12-35. (28)
- 1,990,993; All. Luftschiffbau Zeppelin GmbH. Airship. Issued 2-12-35. (28)
- 1,991,048; Bratke Ctto. Process for producing an oleaginous color matrix. Issued 2-12-35. (28)
- 1,991,054; Hampke Otto. Pocket mirror for reflecting positive images. Issued 2-12-35. (28)
- 1,991,122; Schmidt Hermann. Winding device for tops. Issued 2-12-35. (28)
- 1,991,153; All. Martini Huneke und Salzkotten. Liquid measuring and tapping device. Issued 2-12-35. (28)
- 1,991,212; Herrmann Hans. Braking device for aircraft catapults. Issued 2-12-35. (28)
- 1,991,282; Kohl Karl. Electron tube. Issued 2-12-35. (28)
- 1,991,285; Lindner Herbert. Machine tool with rotary tool. Issued 2-12-35. (28)
- 1,991,300; Tichy Gustav et al; Klas Heinrich. Process of producing protective coatings on metal surfaces. Issued 2-12-35. (28)
- 1,991,302; Von Frommer Rudolf. Automatic firearm with a movable barrel. Issued 2-12-35. (34)
- 1,991,361; Hammerle Adolf. Partition wall. Issued 2-19-35. (6)
- 1,991,452; All. Montecatini Soc Generale. Process for the preparation of concentrated nitric acid starting from the oxidation of ammonia. Issued 2-19-35. (38)
- 1,991,509; All. Lanz Heinrich A G. Collapsible pipe and pneumatic transmission. Issued 2-19-35. (28)
- 1,991,585; Teichmann Albert. Means for guiding plansifter brushes. Issued 2-19-35. (28)
- 1,991,676; Huwyler Oswald. Oil cataract control gear. Issued 2-19-35. (6)
- 1,991,685; All. Vereinigte Stahlwerke A G. Method of producing steel in basic open hearth furnaces. Issued 2-19-35. (28)
- 1,991,707; All. Meirowsky & Co A G. High tension condenser. Issued 2-19-35. (28)
- 1,991,757; All. Bergmann Carl. Tobacco cutting device. Issued 2-19-35. (28)
- 1,991,786; All. Zellstoffabrik Waldhof. Manufacture of cellular substances. Issued 2-19-35. (28)
- 1,991,805; Kluger Leo. High speed turning bit milling tool and similar tool and process for manufacturing the same. Issued 2-19-35. (6)
- 1,991,837; Bauer Fritz. Building element. Issued 2-19-35. (28)
- 1,991,918; Pick Margit Berchtold Nee. Method of manufacturing blue glazed ceramic articles. Issued 2-19-35. (38)
- 1,991,927; Herrmann Ernst; Herrmann Richard et al. Electrically controlled screw cutting machine. Issued 2-19-35. (28)
- 1,991,957; Ranieri Luigi. Motion picture projection apparatus. Issued 2-19-35. (38)
- 1,991,994; Wimmer Anton. Method of plating iron with aluminum and product of such method. Issued 2-19-35. (28)
- 1,992,023; Cahn Benjamin. Clasp or clip for hair waving. Issued 2-19-35. (28)
- 1,992,073; Hempel Alfred. Isolating plug for fixing electric wiring on walls. Issued 2-19-35. (28)
- 1,992,100; Stein Wilhelm. Testing flaws and the like in working materials. Issued 2-19-35. (28)
- 1,992,131; Sajak Emil. Leather dressing composition. Issued 2-19-35. (28)
- 1,992,134; All. Kienzle Taxameter und Apparate A 7. Apparatus for recording vibrations. Issued 2-19-35. (28)
- 1,992,278; Alliquo Francesco. Mechanical fuse for time and percussion projectiles. Issued 2-26-35. (38)
- 1,992,279; All. Siemens & Halske A G. Apparatus for goffering lenticulated films. Issued 2-26-35. (28)
- 1,992,289; Caro Nikodem et al. Franck Hans Heinrich Frank Albert Rudolph. Process for preparing alkaline earth cyanamides. Issued 2-26-35. (28)
- 1,992,324; All. Kali Chemie A G. Manufacture of potassium carbonate and sodium sulphate. Issued 2-26-35. (28)
- 1,992,325; All. Vereinigte Deutsche Metallwerke A & X. Process of normalizing tenary and multiple alloys forming solid solutions. Issued 2-26-35. (28)
- 1,992,346; Bartholomaeus Rudolf. Tool for drilling polygonal holes. Issued 2-26-35. (28)
- 1,992,372; All. Bohler Gebr & Co. A G. Issued 2-26-35. (28)
- 1,992,380; All. Rheinische Metallwaren und. Retaining device for interchangeable magazines of firearms. Issued 2-26-35. (28)



- 1,992,396; Rosenberg Aron Hersz. Recovering silk from knit goods. Issued 2-26-35. (6)
- 1,992,403; All. Wanderer Werke Vorm Winkelhofer & Co. Milling machine. Issued 2-26-35. (28)
- 1,992,478; All. Internationale Galalith Ges. Hoff. Process for accelerating the hardening of shaped casein articles. Issued 2-26-35. (28)
- 1,992,515; All. Aktis Studienges fur Kohle-forschung. Apparatus for the preparation of foodstuff. Issued 2-26-35. (28)
- 1,992,534; All. Leitz Ernst Optische Werke GmbH. Combination distance meter and telescope range finder. Issued 2-26-35. (28)
- 1,992,565; Blegmann Otto. Safety razor blade. Issued 2-26-35. (28)
- 1,992,623; Karlovsky Geyza. Fastener for wrist watches. Issued 2-26-35. (34)
- 1,992,637; All. I G Farbenindustrie A G. Production of nitroso compounds of cobalt. Issued 2-26-35. (28)
- 1,992,672; May Joseph. Orthopedic boot or shoe. Issued 2-26-35. (28)
- 1,992,678; All. Norddeutschen Seekabelwerke A G. Manufacture of flexible tubes of artificial substances. Issued 2-26-35. (28)
- 1,992,684; Weinberger Max. Apparatus for the evaporation of chemicals in rooms. Issued 2-26-35. (28)
- 1,992,698; Hansen Carl Philipp. Toy vehicle for children. Issued 2-26-35. (28)
- 1,992,705; Lellep Otto. Apparatus for burning materials. Issued 2-26-35. (28)
- 1,992,742; Dreyer Adolf. Ball mill. Issued 2-26-35. (28)
- 1,992,778; All. Dierig Christian A G. Method and means for treating fibrous materials. Issued 2-26-35. (28)
- 1,992,864; All. Nazionale Aeronautica Cia. Radial internal combustion engine. Issued 2-26-35. (38)
- 1,992,882; Ovenhausen Franz. Transparent arrangement. Issued 2-26-35. (28)
- 1,992,888; All. Lindstrom Carl A G. Electric discharge tube. Issued 2-26-35. (28)
- 1,993,062; All. Benno Schilde Maschinenbau A G. Apparatus for drying material. Issued 3-5-35. (28)
- 1,993,131; Borgna Giulio. Change speed device. Issued 3-5-35. (38)
- 1,993,247; All. Flat S A. Fluid pressure change speed gear control device for motor vehicles especially motor rail cars. Issued 3-5-35. (38)
- 1,993,299; Protz Karl August. Air humidifier. Issued 3-5-35. (28)
- 1,993,456; Roscher Ernst Karl. Rail motor vehicle for high speed railways. Issued 3-5-35. (28)
- 1,993,469; Wille Rudolf. Means for cleansing the skin. Issued 3-5-35. (28)
- 1,993,476; Fontana Cesare. Reduction gear for the reduction ratio with automatic variation. Issued 3-5-35. (38)
- 1,993,564; All. Fernseh A G. Television apparatus. Issued 3-5-35. (28)
- 1,993,565; All. Fernseh A G. Braun tube. Issued 3-5-35. (28)
- 1,993,605; All. Universelle. Apparatus by which folding cartons intended for the reception of cigarettes or the like are formed. Issued 3-5-35. (28)
- 1,993,619; All. Universelle. Apparatus for removing the bottom cigarette group from a cigarette distributing chamber. Issued 3-5-35. (28)
- 1,993,913; All. I G Farbenindustrie A G. Process of preparing stabilized chlorinated rubbers. Issued 3-12-35. (28)
- 1,993,914; All. Westinghouse Cooper Hewitt GmbH. Device for regulating the voltage in alternating current lines. Issued 3-12-35. (28)
- 1,993,940; All. Knorr Bremse A G. Brake pipe vent valve device. Issued 3-12-35. (28)
- 1,994,009; All. Herpen & Vorkauf Firm. Heat exchanger. Issued 3-12-35. (28)
- 1,994,029; Schmidt Karl. Rotary converter. Issued 3-12-35. (28)
- 1,994,038; All. I G Farbenindustrie A G. Hydroxyalkylcellulose ester. Issued 3-12-35. (28)
- 1,994,050; Satow Teikichi. Waterproof glue product and method of making the same. Issued 3-12-35. (39)
- 1,994,106; Kowada Isoji. Automatic reeling machine. Issued 3-12-35. (39)
- 1,994,115; All. Vereinigte Stahlwerke A G. Tuyere for shaft furnaces. Issued 3-12-35. (28)
- 1,994,117; Strobel Alfons. Blind stitch sewing machine. Issued 3-12-35. (28)
- 1,994,124; All. Friedmann Alex. Nonlifting injector. Issued 3-12-35. (6)
- 1,994,146; All. Borsig A Maschinenbau A G. Means for regulating compressors. Issued 3-12-35. (28)
- 1,994,297; Wittorf Hans. Loud speaker device. Issued 3-12-35. (28)
- 1,994,313; Jacobs Gustav. Spinning process. Issued 3-12-35. (28)
- 1,994,388; Erichsen Abraham Martinus. Apparatus for measuring and indicating forces. Issued 3-12-35. (28)
- 1,994,404; All. Schlafhorst W Co. Winding machine with individual driving for the spindle units. Issued 3-12-35. (28)
- 1,994,459, 1,994,608; All. I G Farbenindustrie AG. Manufacture of esters of polymerized carbohydrates. Issued 3-19-35. (28)
- 1,994,613; All. Brehmer Gebruder. Sheet handling device in bookstitching machines. Issued 3-19-35. (28)
- 1,994,681; Blumenfeld Julius. Shoe insole layer. Issued 3-19-35. (28)
- 1,994,687; Maschinenfabrik Augsburg Nurnberg A G Weir. Issued 3-19-35. (28)
- 1,994,688; All. Maschinenfabrik Augsburg Nurnberg A G Weir. Issued 3-19-35. (28)
- 1,994,717; All. Maschinenfabrik Augsburg Nurnberg A G. Method and device for transporting and laying railway switches. Issued 3-19-35. (28)
- 1,994,862; Muller Friedrich Wilhelm. Game apparatus. Issued 3-19-35. (28)
- 1,994,863; All. Vereinigt Stahlwerke AG. Method of manufacturing forged pressed or rolled work pieces especially crane shafts. Issued 3-19-35. (28)
- 1,994,952; Kayser Otto. Folding article of furniture. Issued 3-19-35. (28)
- 1,995,136; All. I G Farbenindustrie AG. Production of hydrocarbons rich in carbon from those poorer in carbon. Issued 3-19-35. (28)
- 1,995,140; Andreas Arno. Bag support for filling machines. Issued 3-19-35. (28)
- 1,995,196; All. Wolf Georg GmbH. Instrument for examining tubes and cavities in the human and other bodies. Issued 3-19-35. (28)
- 1,995,210; Leibfarth Reinhold. Paper bottle. Issued 3-19-35. (28)
- 1,995,224; Pruss Max. Settling pond. Issued 3-19-35. (28)
- 1,995,225; All. Michaelis Karl. Method of preventing tarnishing of metal articles. Issued 3-19-35. (28)
- 1,995,229; Schulte Fritz. Automatic machine. Issued 3-19-35. (28)
- 1,995,230; All. Nihon Kogyo Kabushiki Kaisha. Rock drill. Issued 3-19-35. (39)
- 1,995,247; All. Haring Hermann Wilhelm. Material for repelling insects. Issued 3-19-35. (28)
- 1,995,248; Herman Alexander. Carrier consisting of a braced metal frame. Issued 3-19-35. (28)
- 1,995,253; Knoll Max. Cathode ray tube. Issued 3-19-35. (28)
- ; Beisser Gerog Dec. Process for preserving material of animal origin. (28)
- 1,994,517; All. Siemens and Halske AG. Issued 3-19-35. (28)
- 1,995,429; Laura Giovanni Batista Dec. Machine for the manufacture of shoes with rubber soles. Issued 3-26-35. (38)
- 1,995,455; All. Universelle Cigarettenmaschinen. Machine for the manufacture of paper containers. Issued 3-26-35. (28)
- 1,995,462; All. Haubold C G A G. Strip guider. Issued 3-26-35. (28)
- 1,995,467; Bongiovanni Luca. Reversing gear for flying machines. Issued 3-26-35. (38)
- 1,995,473; Gahetti Alberto. Cable laying apparatus. Issued 3-26-35. (38)
- 1,995,533; All. Barmer Maschinenfabrik A G. Arrangement of the thread winding off spools in double twist twisting spindles. Issued 3-26-35. (28)
- 1,995,547; Menzel Erich. Stand for fountain pens and the like. Issued 3-26-35. (28)
- 1,995,563; All. Schnellpressenfabrik A G. Platen printing press. Issued 3-26-35. (28)
- 1,995,568; All. I G Farbenindustrie A G. Process of preparing chlorocresols. Issued 3-26-35. (28)
- 1,995,586; All. Schopper Louis Firm. Manufacture of paper. Issued 3-26-35. (28)
- 1,995,587; All. Pallas Apparate GmbH. Carburetor. Issued 3-26-35. (28)
- 1,995,590; Staab Gisela Staab Ludwig et al. File for perforated sheets. Issued 3-26-35. (28)
- 1,995,602; Cho Toda. Rectum syringe. Issued 3-26-35. (39)
- 1,995,607; All. Koepf Rudolph and Co Chemische. Process for the production of calcium formate. Issued 3-26-35. (28)
- 1,995,626; Schreder Karl. Manufacture of minim alcohol beverage. Issued 3-26-35. (6)
- 1,995,707; Fattinger Franz. Method of producing radio active textile fibers and product thereof. Issued 3-26-35. (6)
- 1,995,708; All. Electroacoustic GmbH. Electrical compensator for the directional transmission or reception of wave energy. Issued 3-26-35. (28)
- 1,995,742; Linnmann Wilhelm Jr. Liquid separator. Issued 3-26-35. (28)
- 1,995,843; Elbert Fritz. Adjustable type guide for typewriters. Issued 3-26-35. (28)
- 1,995,844; Eichenauer Emil; shoe for horses and like animals. Issued 3-26-35. (28)
- 1,995,861; Muraki Kojiro. Oil burning apparatus. Issued 3-26-35. (39)
- 1,995,885; Gutermuth Max F. Distributing valve. Issued 3-26-35. (28)
- 1,995,977; Gonda Vilmos. Method of producing hollow objects. Issued 3-26-35. (34)
- 1,995,978; Gotz Richard Dec. Cageless roller bearing. Issued 3-26-35. (28)
- 1,996,055; All. Elektrische Apparate GmbH. Stabilizer. Issued 4-2-35. (28)
- 1,996,160; All. Teves Alfred Maschinen Und Armaturen Fabrik GmbH. Driving unit for fluid pumps. Issued 4-2-35. (28)
- 1,996,189; All. Universelle Cigarettenmaschinen. Weighing scale for cigarettes. Issued 4-2-35. (28)
- 1,996,197; Freund Ernst. Method of producing purified viscose solutions. Issued 4-2-35. (6)
- 1,996,199; Grethe Theodor. Process of producing theine free tea. Issued 4-2-35. (28)
- 1,996,206; All. Universelle Cigarettenmaschinen. Device for wrapping cigarettes and similar articles. Issued 4-2-35. (28)
- 1,996,222; Vogel Max. Stapling machine. Issued 4-2-35. (28)
- 1,996,270; Behrens Carl. Process for the manufacture of boots and shoes. Issued 4-2-35. (28)
- 1,996,324; Chiti Aroldo. Sewing mechanism for sewing machines. Issued 4-2-35. (38)
- 1,996,336; All. Junkers and Co GmbH. Burner for liquid fuel. Issued 4-2-35. (28)
- 1,996,533; Weickel Philipp. Dropping stopper. Issued 4-2-35. (28)

<sup>1</sup>So in the original document.

- 1,996,591; All. Biagosch Karl. Cutting machine for paper cardboard and the like provided with automatic means for feeding the material to be cut. Issued 4-2-35. (28)
- 1,996,632; Treppenhauer Martin. Vacuum cleaner. Issued 4-2-35. (28)
- 1,996,679; All. Humboldt Deutzmotoren A G. Regulating apparatus. Issued 4-2-35. (28)
- 1,996,688; Porsche Ferdinand. Universal joint for motor vehicles. Issued 4-2-35. (28)
- 1,996,702; All. Rheinische Metallwaren und. Fuse setting apparatus. Issued 4-2-35. (28)
- 1,996,707; Nathansohn Alexander. Manufacture of paper and the like. Issued 4-2-35. (28)
- 1,996,709; Ritzerfeld Wilhelm. Duplicating machine. Issued 4-2-35. (28)
- 1,996,716; All. Agald Walter. Nut locking device. Issued 4-2-35. (28)
- 1,996,849; Bauer Siegmund. Switch clutch. Issued 4-9-35. (28)
- 1,996,866; All. Maschinenfabrik Augsburg. Two cycle gas engine. Issued 4-9-35. (28)
- 1,996,870; Kratky Friedrich et al; Grohmann Friedrich Alfred. Apparatus for cooling and propelling air. Issued 4-9-35. (6)
- 1,996,885; Schemmann Walter et al; Kottmann Fritz. Centrifugal device for throwing abrasive. Issued 4-9-35. (28)
- 1,996,941; Vogt Curt. Counting device for paper money. Issued 4-9-35. (28)
- 1,996,945; Ballert Otto. Self loading vehicle. Issued 4-9-35. (28)
- 1,996,960; Haupt Hans. Telescopic umbrella. Issued 4-9-35. (28)
- 1,997,055; Graefe Edmund. Glass container and method of producing same. Issued 4-9-35. (28)
- 1,997,117; All. Fabrica Italiana Magneti Marelli. Automatic brake actuating device for trailed vehicles. Issued 4-9-35. (38)
- 1,997,141; Guerine Berardo. Improved process for bronzing articles and parts made of iron and alloys of iron and carbon. Issued 4-9-35. (38)
- 1,997,148; All. Brehmer Gebruder. Method of and mechanism for the severance of threads. Issued 4-9-35. (28)
- 1,997,154; Schmitt Hans. Damping device for overhead cables. Issued 4-9-35. (28)
- 1,997,170; All. Krupp Fried A G. Draft gear for railway vehicles. Issued 4-9-35. (28)
- 1,997,189; Christ Hellmuth; Gerngross Otto et al. Method of and apparatus for reenforcing the margins of paper. Issued 4-9-35. (28)
- 1,997,215; All. Maschinenfabrik Esslingen. Steam boiler. Issued 4-9-35. (28)
- 1,997,235; Schrodel Georg. Trick device. Issued 4-9-35. (28)
- 1,997,289; Atherton Charles M H. Automobile ignition lock. Issued 4-9-35. (6)
- 1,997,366; All. Chemische Fabrik R Baumbeler A G. Sized paper and process of manufacturing the same. Issued 4-9-35. (28)
- 1,997,368; All. Brehmer Gebruder. Method of and apparatus for opening the signatures fed to a signature handling machine. Issued 4-9-35. (28)
- 1,997,369; All. Tabakforschungsinstitut fur Das. Method for cultivating tobacco. Issued 4-9-35. (28)
- 1,997,375; Naruse Tomi Saburo. Method to frost the inner surface of a glass bulb for electric lamps. Issued 4-9-35. (39)
- 1,997,385; All. Andreas GmbH. Dustproof seal for bag filling machines. Issued 4-9-35. (28)
- 1,997,420; Kiekert Friederich Wilhelm. Multipartite sliding door. Issued 4-9-35. (28)
- 1,997,423; Loser Ugo. Apparatus for compensating vibrations in ships and other structures. Issued 4-9-35. (38)
- 1,997,435; Schneider Julius. Matrix band. Issued 4-9-35. (28)
- 1,997,500; Swarovski Daniel. Method of manufacturing new articles of jewelry and ornaments. Issued 4-9-35. (6)
- 1,997,502; Gumprecht Arnold; von Seld Alex Freiherr Jr. Air cooled cylinder for internal combustion engines. Issued 4-9-35. (28)
- 1,997,504; Wisbrun Walter. Foot support. Issued 4-9-35. (28)
- 1,997,512; Einfalt Georg. Toy railway. Issued 4-9-35. (28)
- 1,997,516; All. Rheinische Metallwaren und. Issued 4-9-35. (28)
- 1,997,525; Lefnaer Otto. Extrusion press for the treatment of plastic materials. Issued 4-9-35. (6)
- 1,997,545; All. Holzhydrolyse A G. Method of purifying carbohydrate solutions obtained in the saccharification of cellulose containing materials. Issued 4-9-35. (28)
- 1,997,548; All. Nollische Werke Kom Ges. Hammering machine. Issued 4-9-35. (28)
- 1,997,725; Gaede Wolfgang. High vacuum pump. Issued 4-16-35. (28)
- 1,997,745; Renker Max. Process for the manufacture of photographic films. Of carriers for the same. Issued 4-16-35. (28)
- 1,997,753; All. Aceta GmbH. Manufacture of artificial threads from cellulose esters or cellulose ethers. Issued 4-16-35. (28)
- 1,997,831; Mitsuda Ryotaro. Arc commutator. Issued 4-16-35. (39)
- 1,997,907; Laudert Hermann. Reversible base plate for casting steel ingots in molds. Issued 4-16-35. (28)
- 1,997,961; Beria Antonio. Mechanism for the transmission of rotary motion. Issued 4-16-35. (38)
- 1,998,060; Seibt Georg. Coating apparatus. Issued 4-16-35. (28)
- 1,998,174; Siewers Heinrich. Drinking device for poultry. Issued 4-16-35. (28)
- 1,998,179; Wolf Eduard Julius. Physiologically balanced salt mixture. Issued 4-16-35. (28)
- 1,998,204; Rosatelli Celestino. Aircraft tail chassis. Issued 4-16-35. (38)
- 1,998,205; Roscher Ernst Karl. Steel permanent way for high speed railways. Issued 4-16-35. (28)
- 1,998,209; All. Rheinische metallwaren und Ward Leonard control system. Issued 4-16-35. (28)
- 1,998,213; Winkler Franz. Internal hub brake for cycles. Issued 4-16-35. (28)
- 1,998,240; All. Silesia Verein Chemischer Fabriken. Process for the preparation of dibenzothiazylsulfide from mercaptobenzothiazole hard metal alloy. Issued 4-16-35. (28)
- 1,998,300; Ackermann Hugo. Gas burner. Issued 4-16-35. (28)
- 1,998,337; Spiess Georg. Folding machine. Issued 4-16-35. (28)
- 1,998,341; Strobel Alfons. Blind stitch sewing machine. Issued 4-16-35. (28)
- 1,998,361; Dietrich Gustav Herbert. Method of transferring a stocking structure and device therefor. Issued 4-16-35. (28)
- 1,998,368; All. Schubert & Salzer Maschinenfabrik. Method of and apparatus for casting of loops on flat knitting machines. Issued 4-16-35. (28)
- 1,998,369; All. Schubert & Salzer Maschinenfabrik. Stocking. Issued 4-16-35. (28)
- 1,998,382; All. Universelle Cigarettenmaschinen. Process for removing batches of goods. Issued 4-16-35. (28)
- 1,998,388; Scharfenberg Karl. Draw and buffer gear. Issued 4-16-35. (28)
- 1,998,413; All. I G Farbenindustrie A G. Process of producing unsaturated esters. Issued 4-16-35. (28)
- 1,998,516; Monzer Arthur. Method for uniting steel and bronze intimately with one another and an improved mold for carrying out this method. Issued 4-23-35. (28)
- 1,998,526; Schubert Philipp. Domino. Issued 4-23-35. (28)
- 1,998,538; All. I G Farbenindustrie A G. Process for the manufacture of one chloro ethylbenzenes. Issued 4-23-35. (28)
- 1,998,541; All. I G Farbenindustrie A G. Iron oxide pigment and process of producing the same as by products of the reduction of aromatic nitro compounds. Issued 4-23-35. (28)
- 1,998,544; All. I G Farbenindustrie A G. Agent for sizing textile fibers. Issued 4-23-35. (28)
- 1,998,592; All. Siemens Schuckertwerke A G. Spraying device. Issued 4-23-35. (28)
- 1,998,667; Fritz Helmut et al; Glaser Emil. Method of manufacture of a plastic material capable of being hardened. Issued 4-23-35. (6)
- 1,998,685; Adamoli Carlo; Panebianco Gino et al. Method of extracting oxide of beryllium direct from the minerals containing same. Issued 4-23-35. (38)
- 1,998,712; Fischer Dietrich. Supporting device for the trailers of saddle tractors. Issued 4-23-35. (28)
- 1,998,764; All. Voigt & Haefner A G. Electric hot plate. Issued 4-23-35. (28)
- 1,998,796; Von Varendorf Curt. Mounting for glass panels. Issued 4-23-35. (28)
- 1,998,846; Schauss Adolf Fritz. Writing machine for accountability work. Issued 4-23-35. (28)
- 1,998,860; Becker Enno. Anchoring device. Issued 4-23-35. (28)
- 1,998,865; Fekete Antalne. Drawers. Issued 4-23-35. (34)
- 1,999,026; All. Ruhrchemie A G. Production of fertilizers. Issued 4-23-35. (28)
- 1,999,047; All. Lorenz C A G. System for landing aircraft. Issued 4-23-35. (28)
- 1,999,081; All. Schwelmer Eisenwerk Muller Co A&X. Cream ripening vat. Issued 4-23-35. (28)
- 1,999,091; All. Vereinigte Deutsche Metallwerke A G. Adjusting gearing for variable pitch propellers. Issued 4-23-35. (28)
- 1,999,103; Lewin Alfred. Adjustable dummy bust. Issued 4-23-35. (28)
- 1,999,104; Merk Friedrich. Telephone installation. Issued 4-23-35. (28)
- 1,999,106; Muller Hans. Travel support device for bedsteads and the like. Issued 4-23-35. (28)
- 1,999,120; All. Universelle Cigarettenmaschinen. Tobacco spreader for rod cigarette making machines. Issued 4-23-35. (28)
- 1,999,143; Pungs Leo. Telephonic transmitter. Issued 4-23-35. (28)
- 1,999,155; Karnath Kurt. Slide valve. Issued 4-23-35. (28)
- 1,999,244; Ludowici Wilhelm. Roofing tile. Issued 4-30-35. (28)
- 1,999,282; Clemens Ludwig. Wrapper pad. Issued 4-30-35. (28)
- 1,999,283; Clemens Ludwig. Process of manufacturing wrapper pads. Issued 4-30-35. (28)
- 1,999,312; All. Stern Ges Fur Moderne. Weighing scale. Issued 4-30-35. (6)
- 1,999,316; All. Studiengesellschaft Der Deutschen. Method of tanning hides and skins. Issued 4-30-35. (28)
- 1,999,317; Brix Hans. Apparatus for the wet treatment of textile goods. Issued 4-30-35. (28)
- 1,999,324; Esser Heinrich. Method of producing an end thickening in tubular bodies made by rolling with skew rolls. Issued 4-30-35. (28)
- 1,999,331; Lorant Hermann. Liquid dispensing device. Issued 4-30-35. (6)
- 1,999,332; All. Konig and Ebhardt J C. Ledger file. Issued 4-30-35. (28)
- 1,999,343; All. Wanderer Werke Vorm Winkhofer. Noiseless typewriter. Issued 4-30-35. (28)



- 1,999,366; All. Maybach Motorenbau GmbH. Controlling device for the main clutch in motor vehicles. Issued 4-30-35. (28)
- 1,999,479; Reder Otto. Arrangement for producing illuminated advertisements on aeroplanes. Issued 4-30-35. (28)
- 1,999,514; Mueller Wilhelm. Regenerative coke oven. Issued 4-30-35. (28)
- 1,999,559; Brendlin Adolf. Apparatus for cleaning tubes. Issued 4-30-35. (28)
- 1,999,582; All. Maschinenfabrik Augsburg Nurnberg. Drum weir. Issued 4-30-35. (28)
- 1,999,703; Lesage Alfred. Flywheel magneto apparatus. Issued 4-30-35. (28)
- 1,999,738; All. I G Farbenindustrie A G. Purification of polynuclear aromatic hydrocarbons. Issued 4-30-35. (28)
- 1,999,747; Aragone Carlo. Projectile. Issued 4-30-35. (38)
- 1,999,748; Baratelli Ambrogio. Device for the correct steering of trailers. Issued 4-30-35. (38)
- 1,999,780; All. Still Carl GmbH. Regenerative chamber oven for the production of coke and gas. Issued 4-30-35. (28)
- 1,999,883; Michaelis Wolfgang. Manufacture of pile fabrics. Issued 4-30-35. (28)
- 1,999,889; Anselmi Ernesto. Optical instrument for testing organic liquids. Issued 4-30-35. (38)
- 1,999,936; All. Kampnagel A G. Vormals nagel and lifting device. Issued 4-30-35. (28)
- 1,999,942; Nacken Walther. Multiple wire drawing machine. Issued 4-30-35. (28)
- 2,000,002; All. Bosch Robert A G. Control valve for gas burners. Issued 4-30-35. (28)
- 2,000,018; All. Siemens Schuckertwerke A G. Method for the separation of emulsions by electrical action. Issued 5-7-35. (28)
- 2,000,037; Riszdorfer Odon. Apparatus for automatically determining the exposure in photographic apparatus. Issued 5-7-35. (34)
- 2,000,135; All. I G Farbenindustrie A G. Pigment. Issued 5-7-35. (28)
- 2,000,150; All. Demag A G. Excavator. Issued 5-7-35. (28)
- 2,000,171; All. Siemens Schuckertwerke A G. Electrical cleaning of fluids. Issued 5-7-35. (28)
- 2,000,261; Spiess Goerg. Sheet separating and conveying device. Issued 5-7-35. (28)
- 2,000,355; Sichter mann Eugen. Deep sea electric telephone cable. Issued 5-7-35. (28)
- 2,000,372; All. I G Farbenindustrie A G. Spinning bobbin. Issued 5-7-35. (28)
- 2,000,388; All. I G Farbenindustrie A G. Manufacture of ribbons. Issued 5-7-35. (28)
- 2,000,414; All. I G Farbenindustrie A G. Explosive composition. Issued 5-7-35. (28)
- 2,000,434; Pletsch Karl Baudouin Charles et al. Ampulla syringe. Issued 5-7-35. (28)
- 2,000,480; Gorissen Engelbert. Blower more particularly for use in. Issued 5-7-35. (28)
- 2,000,497; Pohl Ernest. Method of and apparatus for making Rontgen projections. Issued 5-7-35. (28)
- 2,000,532; All. Atlas Ago Chemische Fabrik A G. Waterproof abrasive paper. Issued 5-7-35. (28)
- 2,000,617; Schaffler Glossl Konrad. Electric time fuse. Issued 5-7-35. (6)
- 2,000,783; Muller Otto Max. Adjustable gauge. Issued 5-7-35. (28)
- 2,000,799; Tesch Franz Heinz et al.; Tesch Elisabeth. Necktie. Issued 5-7-35. (28)
- 2,000,903; All. Heinrich Kamper Motorenfabrik A G. Diesel engine. Issued 5-14-35. (28)
- 2,000,949; All. Schrauben und Schmiedewarenfabriks. Foot arch support. Issued 5-14-35. (6)
- 2,001,017; Feussner Otto et al.; Jedele Alfred. Metal article. Issued 5-14-35. (28)
- 2,001,065; Klein Maurus. Manufacture of electric cables. Issued 5-14-35. (28)
- 2,001,120; Brase Wilhelm. Clutching device. Issued 5-14-35. (28)
- 2,001,201; All. I. G. Farbenindustrie A G. Pyridino compounds and their production. Issued 5-14-35. (28)
- 2,001,202; Kunze Ernst Ludwig. Shock absorber. Issued 5-14-35. (28)
- 2,001,206; Matthes Ernst Clemens. Hair thinning device. Issued 5-14-35. (28)
- 2,001,226; Viewegh Heinrich. Hot water central heating system for a plurality of consumer units with indirect measurement of the heat consumed. Issued 5-14-35. (6)
- 2,001,231; All. Elin A G Fur Elektrische Industrie. Apparatus for automatic electric arc welding. Issued 5-14-35. (6)
- 2,001,292; All. Zahnradfabrik Friedrichshafen A G. Clutch device for motor vehicles. Issued 5-14-35. (28)
- 2,001,304; All. Accumulator Ruths Aktb. Accumulating system. Issued 5-14-35. (28)
- 2,001,336; All. Von Vago Paul. Hydraulic device. Issued 5-14-35. (34)
- 2,001,444; Zotos Georg. Process of refining oils and the like by steam treatment. Issued 5-14-35. (28)
- 2,001,459; Grassmann Peter. Electric variable condenser. Issued 5-14-35. (28)
- 2,001,462; Hiller Friedrich. Index card. Issued 5-14-35. (28)
- 2,001,529; Dornier Claude. Rotor for helicopters. Issued 5-14-35. (28)
- 2,001,554; Sussmuth Karl Wilhelm. Beverage product. Issued 5-14-35. (28)
- 2,001,564; Barth Karl et al.; Wanger Julius; Schuler Karl. Apparatus for aerating beer wort. Issued 5-14-35. (28)
- 2,001,625; Muller Heinrich. Wheeled toy. Issued 5-14-35. (28)
- 2,001,675; Eisgruber Georg. Closed removable needle bearing. Issued 5-14-35. (28)
- 2,001,840; Buhle Karl; Gauthier Alfred et al. Lens shutter with combined exposure meter new finder and distance meter. Issued 5-21-35. (28)
- 2,001,928; Alfano Antonino. Placard. Issued 5-21-35. (38)
- 2,001,930; Daranyi Stephan Carl. Process and apparatus for the fermentation of carbohydrates. Issued 5-21-35. (28)
- 2,001,989; Theuerkauf Friedrich. Apparatus and method of transporting live fishes. Issued 5-21-35. (28)
- 2,002,056; All. Rheinische Metallwaren und. Automatic fuze setting apparatus. Issued 5-21-35. (28)
- 2,002,063; All. I G Farbenindustrie A G. Manufacture of fibroin solutions. Issued 5-21-35. (28)
- 2,002,126; Ohnesorge Otto. Friction drive. Issued 5-21-35. (28)
- 2,002,134; Baj Alessandro. Fuel spray injection for internal combustion engines. Issued 5-21-35. (38)
- 2,002,280; All. Schering Kahlbaum A G. Amino anthryridines and process of making same. Issued 5-21-35. (28)
- 2,002,282; Tescky Karl. Workpiece guide for machine tools. Issued 5-21-35. (28)
- 2,002,287; Flettner Anton. Flying machine. Issued 5-21-35. (28)
- 2,002,321; Kluitmann Leo. Rotary duplicator. Issued 5-21-35. (28)
- 2,002,329; All. Knorr Bremse A G. Pressure medium conduit. Issued 5-21-35. (28)
- 2,002,342; All. Koepf & Co Chemische Fabrik A G. Process for the production of caustic potash and oxalic acid. Issued 5-21-35. (28)
- 2,002,347; Griesel Heinrich. Structure for building. Issued 5-21-35. (28)
- 2,002,376; Mannheim Manfred. Searchlight reflector. Issued 5-21-35. (28)
- 2,002,397; Home Hugo. Hydraulic shock absorber for automobiles. Issued 5-21-35. (28)
- 2,002,398; Home Hugo. Stabilizer for vehicles. Issued 5-21-35. (28)
- 2,002,399; Kaden Karl. Flat spring and method of making the same. Issued 5-21-35. (28)
- 2,002,415; Otto Peter. Method of producing seamless drawn tubes and other tubular articles. Issued 5-21-35. (28)
- 2,002,437; Maui Michael. Mechanical method of preparing statements bills and the like. Issued 5-21-35. (28)
- 2,002,513; All. Junkers and Co GmbH. Controlling arrangement for a gas burner. Issued 5-28-35. (28)
- 2,002,527; All. Magyar Ruggyantaarugyar. Method of securing a preformed and continuous sheet of unvulcanized rubber to a portion of a fabric upper. Issued 5-28-35. (34)
- 2,002,614; All. Still Firm Carl. Process and apparatus for compressing coal in a chamber oven retorts and the like. Issued 5-28-35. (28)
- 2,002,616; All. Universelle. Device for introducing cigarettes or similar articles into pocket like packages. Issued 5-28-35. (28)
- 2,002,656; Caro Nikodem et al.; Frank Albert Rudolph; Franck Hans Heinrich. Process for the production of calcium carbamate. Issued 5-28-35. (28)
- 2,002,681; Thorsell Carl Theodor et al.; Kristensson August. Process for the production of potassium carbamate. Issued 5-28-35. (28)
- 2,002,684; All. Alterum Kredit A G. Method of preparing potassium carbonate or potassium hydroxide. Issued 5-28-35. (28)
- 2,002,735; Fuchs Carl. Adjustable blade runner. Issued 5-28-35. (28)
- 2,002,822; All. I G Farbenindustrie A G. Artificial products of regenerated cellulose. Issued 5-28-35. (28)
- 2,002,881; Bretschneider Erich. Track. Issued 5-28-35. (28)
- 2,002,986; Kopetz Josef. Method of and means for the manufacturing of helically grooved endless hose and tubing. Issued 5-28-35. (6)
- 2,002,932; All. Vereinigte Stahlwerke A G. Steel for railroad rails wheel tires plank piles and other objects. Issued 5-28-35. (28)
- 2,002,957; Longobardi Cesare. Explosion and combustion motor. Issued 5-28-35. (38)
- 2,003,091; All. Falthausner Willy. Method of and device for closing up vessels especially bottles. Issued 5-28-35. (28)
- 2,003,102; Baer Julius. Traveling set. Issued 5-28-35. (28)
- 2,003,180; All. Carburatori S A Olli Pesanti. Method for carbureting heavy liquid fuels. Issued 5-28-35. (38)
- 2,003,181; All. Carburatori S A Olli Persanti. Burner for heavy liquid fuels. Issued 5-28-35. (38)
- 2,003,184; Friedrich Wilhelm. Method and means for producing foam for fire extinction. Issued 5-28-35. (28)
- 2,003,189; All. Schubert and Salzer. Stocking made in a single operation and method for making same. Issued 5-28-35. (28)
- 2,003,191; Mittkowski Hermann; Hinrichs Wilhelm J H et al. Method of preserving fruit. Issued 5-28-35. (28)
- 2,003,192; Wittkowski Hermann; Hinrichs Wilhelm J H et al. Method of producing moisture proof and air tight coatings. Issued 5-28-35. (28)
- 2,003,271; Hagenbeck Johann; Belmann Wilhelm et al. Hurdle washer. Issued 5-28-53. (28)
- 2,003,417; Andreas Arno. Feeding mechanism for filling machines. Issued 6-4-35. (28)
- 2,003,434; All. I G Farbenindustrie A G. Phonograph. Issued 6-4-35. (28)
- 2,003,469; Ritzfeld Wilhelm. Duplicating apparatus. Issued 6-4-35. (28)
- 2,003,474; All. I G Farbenindustrie A G. Fluid flow meter. Issued 6-4-35. (28)

- 2,003,636; Maul Michael. Printing and punching record controlled machine. Issued 6-4-35. (28)
- 2,003,637; Maul Michael. Record controlled punching machine. Issued 6-4-35. (28)
- 2,003,649; Hasselbach Alexander. Heat exchange apparatus. Issued 6-4-35. (28)
- 2,003,721; All. Soc Italiana Pirelli. Manufacture of threads or strips of rubber or the like. Issued 6-4-35. (38)
- 2,003,775; Schlesinger Kurt. Braun tube. Issued 6-4-35. (28)
- 2,003,795; All. Demag A G. Clutch and brake mechanism for winches. Issued 6-4-35. (28)
- 2,003,844; Tintner Fritz. Foldable stretcher. Issued 6-4-35. (6)
- 2,003,883; All. Ges Des Achten Naxos Schmirgeis. Device for spherical grinding on circular grinding machines. Issued 6-4-35. (28)
- 2,003,891; Kaczmarek Eugen. Dental plate. Issued 6-4-35. (28)
- 2,003,894; Luedtke Hans. Keyboard. Issued 6-4-35. (28)
- 2,003,903; All. Schlafhorst W and Co. Cop winding machine. Issued 6-4-35. (28)
- 2,003,941; All. Rutgerswerke A G. Process for the production of phenol. Issued 6-4-35. (28)
- 2,003,965; Bloch Ignaz. Method for production of pure white sugar. Issued 6-4-35. (28)
- 2,004,036; Coenning Ernst. Antiskidding tire. Issued 6-4-35. (28)
- 2,004,042; All. Riebeckische A Montanwerke A G. Process of cleaning heating surfaces. Issued 6-4-35. (28)
- 2,004,043; All. Rugner Oswald. Producing patterns on dark colored skins or leathers. Issued 6-4-35. (28)
- 2,004,063; Ganz Joseph. Oscillatable pivotally mounted axle. Issued 6-4-35. (28)
- 2,004,065; Kaiser Karl. Electrolytic treatment of liquids. Issued 6-4-35. (28)
- 2,004,075; All. Ges Fur Druck Transformatoren. Evaporator especially for high pressure steam. Issued 6-4-35. (28)
- 2,004,188; All. Dortmund Hoerder Huettenverein A G. Reverse angle interlock piling. Issued 6-11-35. (28)
- 2,004,243; All. I G Farbenindustrie A G. Method of and means for operating breathing apparatus. Issued 6-11-35. (28)
- 2,004,266; Belmann Wilhelm. Liquid seal for collecting mains of distillation ovens or the like. Issued 6-11-35. (28)
- 2,004,306; Breddin Paul et al; Wittmers Otto. Mechanism for actuating the slay of weaving looms. Issued 6-11-35. (28)
- 2,004,400; Thomae Alfred Otto. Process for the preparation of talking machines plates. Issued 6-11-35. (28)
- 2,004,453; Watanabe Shumpei. Method of recording sounds. Issued 6-11-35. (39)
- 2,004,508; Neubert Curt. Process for the manufacture of printlex rollers. Issued 6-11-35. (28)
- 2,004,545; All. I G Farbenindustrie A G. Production of porous building materials. Issued 6-11-35. (28)
- 2,004,546; All. I G Farbenindustrie A G. Sulphonic acid. Issued 6-11-35. (28)
- 2,004,555; Kleinmann Ernst et al; Mendel Alfred. Method and apparatus for the manufacture of electrical contact plug. Issued 6-11-35. (28)
- 2,004,593; Andreas Arno. Filling machine. Issued 6-11-35. (28)
- 2,004,630; Krug Carl. Grinding disk. Issued 6-11-35. (28)
- 2,004,662; Junkers Hugo et al; Wigge Heinrich. Means for measuring the distance of aircraft from ground. Issued 6-11-35. (28)
- 2,004,663; Kaselitz Oskar. Method of utilizing the nitrogen in nitrosyl chloride. Issued 6-11-35. (28)
- 2,004,680; Volmer Max. Open electric arc lamp for the generation of ultra violet radiations. Issued 6-11-35. (28)
- 2,004,695; Hager Fritz. Hanger for cables of overhead lines. Issued 6-11-35. (28)
- 2,004,703; Magnani Alessandro. Process for the direct manufacture of fibrous cement tubes between couples of rotating cylinders. Issued 6-11-35. (38)
- 2,004,740; Winkler Franz. Spring mounted cycle hub with brake. Issued 6-11-35. (28)
- 2,004,744; Ballerl Otto. Hydraulic rear tipper for fast delivery vans. Issued 6-11-35. (28)
- 2,004,785; All. Luftschiffbau Zeppelin GmbH. Method of bracing the circumference of gas inflated rigid air ships. Issued 6-11-35. (28)
- 2,004,826; Nier Bruno. Hurricane lantern. Issued 6-11-35. (28)
- 2,004,836; All. Vereinigte Stahlwerke A G. Process for the production of chromium steel alloys by the basic process. Issued 6-11-35. (28)
- 2,004,867; All. Koepf Rudolph and Co Chem Fabrik A G. Process for making potassium oxalate. Issued 6-11-35. (28)
- 2,005,013; Teves Alfred. Evaporator for refrigeration machines. Issued 6-18-35. (28)
- 2,005,020; Bossert Fritz. Bookkeeping machine. Issued 6-18-35. (28)
- 2,005,021; Brasch Arno et al; Lange Fritz. Vacuum tube. Issued 6-18-35. (28)
- 2,005,031; All. Elin Ag Fur Elektrisch Industrie. Air cooling of glass bulb rectifiers. Issued 6-18-35. (6)
- 2,005,053; All. Rheinische Metallwaaren Und. Fuse for projectiles and particularly for small caliber high explosive projectiles. Issued 6-18-35. (28)
- 2,005,060; All. Bekk Dr and Kaulen Chemische. Shellac solution for the production of etched photographic printing forms and method of preparing it. Issued 6-18-35. (28)
- 2,005,183; All. I G Farbenindustrie A G. Catalytic oxidation of ketones. Issued 6-18-35. (28)
- 2,005,244; Schmidt Wilhelm. Vaporizer. Issued 6-18-35. (28)
- 2,005,267; Rehder Christian. Pipe flange connection. Issued 6-18-35. (28)
- 2,005,270; All. Vereinigte Metalltuch Fabriken. Process and apparatus for the manufacture of wire gauze. Issued 6-18-35. (28)
- 2,005,273; All. Norddeutsche Seekabelwerke A G. Submarine signaling cable. Issued 6-18-35. (28)
- 2,005,295; All. I G Farbenindustrie A G. Process of polymerizing organic compounds containing a double linkage and products obtainable thereby. Issued 6-18-35. (28)
- 2,005,296; All. Sachtleben A G Fur Bergbau Und. Method of purifying natural heavy spar. Issued 6-18-35. (28)
- 2,005,320; All. I G Farbenindustrie A G. Process of preparing chlorinated rubbers. Issued 6-18-35. (28)
- 2,005,403; Wender Eugen. Combined gas and liquid shut off device for gas heated liquid heaters. Issued 6-18-35. (28)
- 2,005,438; Ohnesorge Otto. Rope gearing. Issued 6-18-35. (28)
- 2,005,488; All. Farbwerke Brander Chemische Fabrik. Process for the production of silicofluorides. Issued 6-18-35. (28)
- 2,005,504; Prautsch Richard. Pump for automatic periodically working gas analyzers. Issued 6-18-35. (28)
- 2,005,505; Reuter Baptist. Process of producing 1 phenyl 2 3 dimethyl 5 pyrazolone. Issued 6-18-35. (28)
- 2,005,506; Reuter Baptist. Process of producing 4 dimethylamino 1 phenyl 2 3 dimethyl 5 pyrazolone. Issued 6-18-35. (28)
- 2,005,520; Friedmann Otto. Cleaning attachment for combs. Issued 6-18-35. (6)
- 2,005,526; All. Hauser and Co GmbH. Seal for axle boxes. Issued 6-18-35. (28)
- 2,005,530; Boykow Johann Maria. Automatic control device for aircraft. Issued 6-18-35. (28)
- 2,005,543; Graafen Ferdinand. Water tube boiler. Issued 6-18-35. (28)
- 2,005,544; Graafen Ferdinand. Furnace grate. Issued 6-18-35. (28)
- 2,005,657; Ludwig Richard. Pilger rolling mill. Issued 6-18-35. (28)
- 2,005,661; Muller Carl Wilhelm. Process and apparatus for the manufacture of cigarettes with a short mouthpiece of wadding crepe paper or the like. Issued 6-18-35. (28)
- 2,005,718; Desenberg Josef. Grinding. Issued 6-25-35. (28)
- 2,005,721; Joksch Rudolf. Line indicator or copyholder for typists. Issued 6-25-35. (6)
- 2,005,790; All. Lorenz C A G. High frequency telegraph transmitter. Issued 6-25-35. (28)
- 2,005,811; Steimmig Franz. Method of preparing and maturing alkali cellulose. Issued 6-25-35. (28)
- 2,005,914; Freund Berthold. Apparatus for making and reproducing sound and picture records. Issued 6-25-35. (28)
- 2,006,007; Zimmer Josef. Camera for taking instantaneous color photographs. Issued 6-25-35. (28)
- 2,006,020; Jacobson Hirsch Gregor. Process for preparing a substance derived from an amino aliphatic acid and phenylquinoline orthocarboxylic acid which is capable of lowering the uric acid level. Issued 6-25-35. (28)
- 2,006,021; Jessen Theodor. Horn and howler for marine and naval use. Issued 6-25-35. (28)
- 2,006,028; Netzband Alfred et al; K Owalski Bruno. Sprinkler. Issued 6-25-25. (28)
- 2,006,038; Yamaki Masuji. Vehicle tire. Issued 6-25-35. (39)
- 2,006,059; Rudorf Dagobert W. Heater. Issued 6-25-35. (28)
- 2,006,102; Junkers Hugo. Booster brake for vehicles. Issued 6-25-35. (28)
- 2,006,106; All. Universelle. Knife mounting for machines. Issued 6-25-35. (28)
- 2,006,107; All. Universelle. Machine for cutting thin leaves. Issued 6-25-35. (28)
- 2,006,113; All. Universelle. Apparatus for applying a cigar wrapper to a bunch. Issued 6-25-35. (28)
- 2,006,114; Rosenmund Karl Wilhelm et al; Kulz Fritz. Aliphatic aromatic amine and process of making same. Issued 6-25-35. (28)
- 2,006,115; Schaefer Josef. Operation of coke ovens and ovens therefor. Issued 6-25-35. (28)
- 2,006,116; All. Universelle. Method and apparatus for applying paper bands and the like to cigars. Issued 6-25-35. (28)
- 2,006,148; Plaschka Karl. Muffle for use in connection with the casting of precious metals. Issued 6-25-35. (6)
- 2,006,154; Bazzocchi Aldo. Washing and bleaching apparatus for artificial yarns. Issued 6-25-35. (38)
- 2,006,236; All. Soc Italiana Pirelli. Feeding reservoir for oil filled cables. Issued 6-25-35. (38)
- 2,006,252; All. Vereinigte Stahlwerke A G. Movable weir. Issued 6-25-35. (28)
- 2,006,253; All. Vereinigte Stahlwerke A G. Movable weir. Issued 6-25-35. (28)
- 2,006,258; All. Minimax A G. Device for blowing fire extinguishing gas into storage bins carrying more or less fine materials. Issued 6-25-35. (28)
- 2,006,266; All. Vereinigte Stahlwerke A G. Process for cooling furnaces by means of cooling chambers. Issued 6-25-35. (28)
- 2,006,268; Geiger Ludwig Thomas et al; Geiger Richard. Fastener for bags. Issued 6-25-35. (6)



- 2,006,281; Schwarz Philipp. Method of manufacturing bobbins particularly film bobbins. Issued 6-25-35. (28)
- 2,006,338; All. Voith J M. Hydraulic machine. Issued 7-2-35. (28)
- 2,006,339; All. Voith J M. Hydraulic machine. Issued 7-2-35. (28)
- 2,006,340; All. Voith J M. Hydraulic machine. Issued 7-2-35. (28)
- 2,006,505; Lentschewsky Boris. Tank roof. Issued 7-2-35. (28)
- 2,006,507. All. I. G. Farbenindustrie A G. Manufacture of fibroin salt solutions. Issued 7-2-35. (28)
- 2,006,516; Severin Heinrich. Charging machine for bottle manufacture. Issued 7-2-35. (28)
- 2,006,569; Bock Fritz. Bridge support for eyeglass frames. Issued 7-2-35. (28)
- 2,006,572; Hermann Walter. Injection device. Issued 7-2-35. (28)
- 2,006,576; All. Voss & Sasse Stuhlfabriken. Frame for chairs tables and the like. Issued 7-2-35. (28)
- 2,006,598; All. Oesterreichische Dynamit Nobel A G. Corrosion resistant and malleable alloy. Issued 7-2-35. (6)
- 2,006,599; All. Oesterreichische Dynamit Nobel A G. Mechanically workable alloy. Issued 7-2-35. (6)
- 2,006,600; All. Oesterreichische Dynamit Nobel A G. Corrosion resistant and malleable Alloy. Issued 7-2-35. (6)
- 2,006,601; All. Oesterreichische Dynamit Nobel A G. Corrosion resistant mechanically workable alloy. Issued 7-2-35. (6)
- 2,006,605; Putnoky Ferdinand. Pick-up arm guide for sound boxes of talking machines. Issued 7-2-35. (28)
- 2,006,621; Berg Wilhelm. Motor operated chuck for lathes and other machine tools. Issued 7-2-35. (28)
- 2,006,678; Kappler Felix. Folding box. Issued 7-2-35. (28)
- 2,006,683; Meininghaus Ulrich. Blade segments for radial flow machines. Issued 7-2-35. (28)
- 2,006,684; Meininghaus Ulrich. Blade ring for radial flow machines. Issued 7-2-35. (28)
- 2,006,692; Sugihara Saburo Kojima Kenichi Go Teikichi et al. Ash pot. Issued 7-2-35. (39)
- 2,006,721; Sachs Maximilian. Interlocking sheet piling. Issued 7-2-35. (6)
- 2,006,723; Schafer Max. Shuttle drive. Issued 7-2-35. (28)
- 2,006,763; Geldner Wilhelm. Dyeing spindle. Issued 7-2-35. (28)
- 2,006,834; All. Perutz Trockenplattenfabrik. Process of developing photographic images with conversion from negative to positive. Issued 7-2-35. (28)
- 2,006,854; Winter Eilhelm. Device for setting and protecting diamond-edged tools and the like. Issued 7-2-35. (28)
- 2,006,918; All. Lorenz A G.; System for landing aircraft. Issued 7-2-35. (28)
- 2,006,968; All. Vereinigte Kugellagerfabriken A. G. Textile spindle mounting. Issued 7-2-35. (28)
- 2,007,016; All. Leitz Optische Werke GmbH Ernst. Photographic camera. Issued 7-2-35. (28)
- 2,007,017; All. Leitz Optische Werke GmbH Ernst. Microscillograph. Issued 7-2-35. (28)
- 2,007,032; Wach Hans. Combined reciprocating engine and turbine. Issued 7-2-35. (28)
- 2,007,096; All. Druckzersetzer GmbH. Pressure electrolyzer for the production of hydrogen and oxygen. Issued 7-2-35. (28)
- 2,007,135; All. Perutz Trockenplattenfabrik. Apparatus for applying indications to film strips. Issued 7-2-35. (28)
- 2,007,255; Rohr Gustav. Frame for autocars. Issued 7-9-35. (28)
- 2,007,282; All. Durkopp Werke A G. Method of producing a multicolor screen for the production of photographic color pictures. Issued 7-9-35. (28)
- 2,007,283; All. Durkopp Werke A G. Method of producing two-color or multicolor photographic pictures. Issued 7-9-35. (28)
- 2,007,285; Schaufele Ekkehard. Examination of high-grade alloyed steels. Issued 7-9-35. (28)
- 2,007,306; Peuker Franz. Weighing scale. Issued 7-9-35. (28)
- 2,007,308; Sambraus Adolf. Method of soldering. Issued 7-9-35. (28)
- 2,007,314; All. Wanderer Werke Vorm Winkelhofer and. Knee and column milling and like machine. Issued 7-9-35. (28)
- 2,007,317; Von Bohuszewicz Oscar. Weighing machine. Issued 7-9-35. (28)
- 2,007,318; Wilhelm Rudolf. Coke oven door. Issued 7-9-35. (28)
- 2,007,459; All. Goldschmidt Th A G. Process of manufacturing lead glass. Issued 7-9-35. (28)
- 2,007,427; Heimann Bernard. Composition for waterproofing mortar and the like. Issued 7-9-35. (28)
- 2,007,485; Toyoda Kiichiro. Thread cutting device for automatic looms. Issued 7-9-35. (39)
- 2,007,498; Kida Yasuzo. Method of erecting an iron frame building having deep underground floors. Issued 7-9-35. (39)
- 2,007,575; Lesage Alfred. Two stroke explosion motor. Issued 7-9-35. (28)
- 2,007,585; Satow Teikichi. Building material and method of making the same. Issued 7-9-35. (39)
- 2,007,692; Reiter Adolf. Closure for containers. Issued 7-9-35. (6)
- 2,007,693; All. Novopan Studiengesellschaft Zur. Chemical process for the production of husked grain both germinated and ungerminated. Issued 7-9-35. (28)
- 2,007,724; Palli Stefano. Tubular rubber tire with metal springs. Issued 7-9-35. (38)
- 2,007,725; Pettazzoni Ernesto. Bicycle. Issued 7-9-35. (38)
- 2,007,741; Broche Hans. Method of desulphurating coal distillation gases. Issued 7-9-35. (28)
- 2,007,770; All. Anticomman GmbH. Polymethylenediguandine compounds and process of making said compounds. Issued 7-9-35. (28)
- 2,007,813; All. Boehringer C H Sohn A G. Process for production of T lactones. Issued 7-9-35. (28)
- 2,007,818; Still Carl. Coke oven. Issued 7-9-35. (28)
- 2,007,913; All. Luftschiffbau Zeppelin GmbH. End connection for wires cables and the like. Issued 7-9-35. (28)
- 2,007,984; Quendt Bernhard. Method of slackening animal hides and skins and slackening solutions. Issued 7-16-35. (28)
- 2,008,055; Angelini Virginio. Method of producing ferro chromium. Issued 7-16-35. (38)
- 2,008,058; All. Deutsche Luftfahrt und Handels. Apparatus for determining the true horizon independently of sight. Issued 7-16-35. (28)
- 2,008,066; All. Quarzlampen GmbH. Gas or vapor discharge tube. Issued 7-16-35. (28)
- 2,008,067; Faber Ernst. Vacuum cleaner Issued 7-16-35. (28)
- 2,008,074; Isman Umberto. Process for the manufacture of tubes of cement material. Issued 7-16-35. (38)
- 2,008,075; Kraft Anton. Strand or rope making machine. Issued 7-16-35. (28)
- 2,008,079; Mauser Karl Wilhelm. Bung closure for metal vessels. Issued 7-16-35. (28)
- 2,008,083; Muller Ludwig. Machine for measuring and machining frames and underframes of vehicles especially railway bogies. Issued 7-16-35. (28)
- 2,008,130; Damm Felix. Injector burner for autogenous metal working. Issued 7-16-35. (28)
- 2,008,131; Dieck Wilhelm et al; Schiff Sally. Process for manufacturing bactericidal products and resulting product. Issued 7-16-35. (28)
- 2,008,165; Wormser Arthur. Method of and means for feeding sheet material. Issued 7-16-35. (28)
- 2,008,196; Weber Karl. Centrifugal casting machine. Issued 7-16-35. (28)
- 2,008,236; Winkler Alfred et al; Dunnebler Max. Machine for manufacturing window envelopes. Issued 7-16-35. (28)
- 2,008,248; Fluck Gisbert. Multidirectional control of liquid gas flow. Issued 7-16-35. (28)
- 2,008,251; Hillebrand Hubert. Surgical instrument. Issued 7-16-35. (28)
- 2,008,253; All. Kohlentechnik GmbH. Process of separating hydrocyanic acid. Issued 7-16-35. (28)
- 2,008,307; Kanamori Shigeyuki. Twiggled pile. Issued 7-16-35. (39)
- 2,008,350; All. Siemens Schuckertwerke A G. Absorption refrigerating apparatus. Issued 7-16-35. (28)
- 2,008,383; All. Seidel & Naumann A G. Shift mechanism. Issued 7-16-35. (28)
- 2,008,384; All. Seidel & Naumann. Type bar actuating means. Issued 7-16-35. (28)
- 2,008,392; Heller Maximilian. Cushioning device for seats and the like. Issued 7-16-35. (6)
- 2,008,464; Nishi Hirohisa. Arrangement for starting flight requiring no gliding. Issued 7-16-35. (39)
- 2,008,509; All. Waldes & Ko. Device for punching and reinforcing documents or the like. Issued 7-16-35. (28)
- 2,008,521; Takechi Shojiro. Piling. Issued 7-16-35. (39)
- 2,008,626; Murakami Yoshimichi. Method for manufacturing metallic materials by rotating rolls or wheels containing a molten metal between them. Issued 7-16-35. (39)
- 2,008,658; Otto Carl. Regenerative oven. Issued 7-16-35. (28)
- 2,008,831; Kruse Hermann. Method and apparatus for nailing flanges. Issued 7-23-35. (28)
- 2,008,876; Rehder Otto. Device for starting and stopping an electrically driven cinematographic projection apparatus. Issued 7-23-35. (28)
- 2,008,937; Thoma Hans. Hydraulic motor and pump. Issued 7-23-35. (28)
- 2,008,985; Latteman Emil. Inner sole. Issued 7-23-35. (28)
- 2,009,021; Maul Michael. Record controlled printing machine. Issued 7-23-35. (28)
- 2,009,022; Maul Michael. Record controlled printing machine. Issued 7-23-35. (28)
- 2,009,177; Ravasio Vittorio; Guseo Camillo et al. Reel for making automatically tied up or crossed hanks. Issued 7-23-35. (38)
- 2,009,181; Kabay Janos. Process for obtaining opium alkaloids from dried poppy straw. Issued 7-23-35. (34)
- 2,009,183; Kaufmann Hans. Difficulty dissociable acyl derivatives of salicylic acid and process of making same. Issued 7-23-35. (28)
- 2,009,193; All. Junkers & Co GmbH. Gas switch. Issued 7-23-35. (28)
- 2,009,249; Castelli Emilio. Yarn twisting device. Issued 7-23-35. (38)
- 2,009,307; Belluzzo Giuseppe. Steam turbine for naval propulsion. Issued 7-23-35. (38)

- 2,009,313; All. Rheinische Metallwaren und. Fuse, setting machine. Issued 7-23-35. (28)
- 2,009,371; All. Reinlecker J E A G. Change gear mechanism. Issued 7-23-35. (28)
- 2,009,394; Fiedler Hans Werner. Depilator and method of applying same. Issued 7-30-35. (28)
- 2,009,424; All. Rochling Robert. Color photography. Issued 7-30-35. (28)
- 2,009,454; All. Edeleanu GmbH. Dewaxing of hydrocarbons. Issued 7-30-35. (28)
- 2,009,474; Castelli Cesare. Climber for poles of hard material. Issued 7-30-35. (38)
- 2,009,489; Fritzsche Curt. Centrifugal casting apparatus for dental purposes. Issued 7-30-35. (28)
- 2,009,498; Kerr Alexander. Television apparatus. Issued 7-30-35. (28)
- 2,009,555; Mathiesen Wilhelm. Means of changing the condition and the actinic qualities of open electric arc lights. Issued 7-30-35. (28)
- 2,009,559; Mieder Fritz. Sand settling plant. Issued 7-30-35. (28)
- 2,009,562; Okumura Yasujiro. Stimulus acupuncture. Issued 7-30-35. (39)
- 2,009,657; All. I G Farbenindustrie A G. Esters of polymeric carbohydrates. Issued 7-30-35. (28)
- 2,009,665; All. Automatic fur Automatische. Folding machine. Issued 7-30-35. (28)
- 2,009,772; Hayn Fritz. Advertising apparatus. Issued 7-30-35. (28)
- 2,009,807; All. Victoria Vegyeszeti Muvek R T. Process for producing a material for protecting surfaces against rust decomposition heat fire and the like. Issued 7-30-35. (34)
- 2,009,816; All. Siemens & Halske A G. Optical reversing system. Issued 7-30-35. (28)
- 2,009,912; Wiessell Kurt. Harvester reel. Issued 7-30-35. (28)
- 2,009,922; All. Schubert & Salzer. Thread guide control for bobbin winding machines. Issued 7-30-35. (28)
- 2,009,923; All. Schubert & Salzer. Reinforced stocking and method of knitting same. Issued 7-30-35. (28)
- 2,009,924; All. Schubert & Salzer. Blind point. Issued 7-30-35. (28)
- 2,009,925; All. Schubert & Salzer. Lace attachment. Issued 7-30-35. (28)
- 2,009,962; All. Kalle & Co A G. Apparatus for gaseous development of light sensitive material especially of diazo type by means of ammonia gas. Issued 7-30-35. (28)
- 2,009,998; Gonyk Ignatz. Sewing machine. Issued 8-6-35. (6)
- 2,010,132; Bischoff Johannes Christian. Device for cooling the body by means of light volatile chemicals. Issued 8-6-35. (28)
- 2,010,160; Meyer Gerhard. Instrument for teaching calculation. Issued 8-6-35. (28)
- 2,010,184; All. Felten and Guillaume Carlswerk. Wire cable. Issued 8-6-35. (28)
- 2,010,190; All. Universelle Cigarettenmaschinenfabrik. Apparatus for separating waste goods particularly incorrectly filled cigarette packets. Issued 8-6-35. (28)
- 2,010,196; Muller Carl Wilhelm. Wrapping mechanism. Issued 8-6-35. (28)
- 2,010,214; Braun Karl. Compensating device for sash windows and the like. Issued 8-6-35. (28)
- 2,010,239; Martin John B. Apparatus for recovering ore values from a solution. Issued 8-6-35. (39)
- 2,010,248; Winkler Franz. Change speed gear for bicycles. Issued 8-6-35. (28)
- 2,010,254; All. Vereinigte Stahlwerke A G. Iron pile. Issued 8-6-35. (28)
- 2,010,255; All. Barmer Maschinenfabrik A G. Multistory twisting machine. Issued 8-6-35. (28)
- 2,010,394; Herman Alexander. Fastening and connection for glass plates. Issued 8-6-35. (28)
- 2,010,400; All. Vereinigte Stahlwerke A G. Method of manufacturing tubes and pipes. Issued 8-6-35. (28)
- 2,010,411; Papst Hermann. Scanning device. Issued 8-6-35. (28)
- 2,010,416; All. Vereinigte Stahlwerke A G. Water sluice valve for pipings. Issued 8-6-35. (28)
- 2,010,465; All. Schlafhorst W and Co. Winding machine. Issued 8-6-35. (28)
- 2,010,469; All. Humboldt Deutzmotoren A G. Process and means for starting and accelerating Diesel locomotives with direct drive on the axles. Issued 8-6-35. (28)
- 2,010,480; All. Internationale Galaith Ges Hoff. Process for coloring hardened masses made from casein and other protein substances. Issued 8-6-35. (28)
- 2,010,486; All. Universelle. Delivery device for cigarette rod machines. Issued 8-6-35. (28)
- 2,010,520; Kiekert Friederich Wilhelm. Metal door. Issued 8-6-35. (28)
- 2,010,635; Kantorowicz Julius. Method of manufacturing wetproof cellulose products. Issued 8-6-35. (28)
- 2,010,696; L Orange Rudolf. Fuel pump for internal combustion engines. Issued 8-6-35. (28)
- 2,010,762; All. Junkers and Co GmbH. Gas heated appliance. Issued 8-6-35. (28)
- 2,010,763; All. Junkers and Co GmbH. Gas heating appliance. Issued 8-6-35. (28)
- 2,010,778; Stechert Hermann. Driving device for making cast concrete pile plankings in subsoil. Issued 8-6-35. (28)
- 2,010,867; Kubo Hisaji. Postcard for phonographic recording. Issued 8-13-35. (39)
- 2,010,918; All. I G Farbenindustrie A G. Manufacture of solutions of silk fibroin. Issued 8-13-35. (28)
- 2,010,919; Grethe Theodor. Method of producing tea free from therve. Issued 8-13-35. (28)
- 2,011,117; Richter Alfred. Ventilating system. Issued 8-13-35. (28)
- 2,011,119; All. Rekuperator GmbH. Method of protecting heating surfaces against overheating. Issued 8-13-35. (28)
- 2,011,217; Gebhardt Georg. Apparatus for the sterilization and sterile filling of vials and the like. Issued 8-13-35. (28)
- 2,011,252; All. Vetreria Italiana Balzaretti. Glass article. Issued 8-13-35. (38)
- 2,011,263; All. Siemens and Halske A G. Device for working with lenticulated films. Issued 8-13-35. (28)
- 2,011,281; All. Sachtleben Ag fur Bergbau und. Process for the preparation of pure barium zincates and pure barium compounds from the latter. Issued 8-13-35. (28)
- 2,011,286; Junghans Helmut. Mechanical time fuse for artillery projectiles. Issued 8-13-35. (28)
- 2,011,365; All. Lanz Heinrich A G. Adjustable sieve. Issued 8-13-35. (28)
- 2,011,400; All. Sachtleben Ag fur Bergbau und. Process of treating zinciferous iron ores. Issued 8-13-35. (28)
- 2,011,411; All. Berliner Verkehrs A G. Brake for motor rail vehicles. Issued 8-13-35. (28)
- 2,011,413; Metz Fritz. Rust and scale removing implement. Issued 8-13-35. (28)
- 2,011,452; Lutz Alfred. Manufacturing paper tubes and the like. Issued 8-13-35. (28)
- 2,011,454; Nagai Chogi Dec. Process of synthetically producing ephedrin homologue and its salts. Issued 8-13-35. (39)
- 2,011,463; Vianini Guido. Pipe manufacturing machine. Issued 8-13-35. (38)
- 2,011,467; All. Maschinenfabrik Augsburg. Bascule bridge. Issued 8-13-35. (28)
- 2,011,673; All. I G Farbenindustrie A G. Process for the manufacture of new conversion products from natural resins and esters thereof. Issued 8-20-35. (28)
- 2,011,737; Thun Rudolph. Apparatus for picture transmission. Issued 8-20-35. (28)
- 2,011,744; Wormser Arthur. Sheet feeding device. Issued 8-20-35. (28)
- 2,011,745; Wormser Arthur. Method of and means for feeding sheet material. Issued 8-20-35. (28)
- 2,011,776; Reinartz Robert. Device for feeding sheet material to a machine particularly to a printing machine. Issued 8-20-35. (28)
- 2,011,781; Tobozzi Giacinto. Flexible pipe for oil essence and the like especially for aerial machines. Issued 8-20-35. (38)
- 2,011,861; Knumann Hugo. Terminal post. Issued 8-20-35. (28)
- 2,011,907; Peters Fritz. Tube making. Issued 8-20-35. (28)
- 2,011,918; All. Stedefeld Curt. Bogle truck. Issued 8-20-35. (28)
- 2,011,963; Altenbach Otto. Pocket implement. Issued 8-20-35. (28)
- 2,011,976; All. Vereinigte Stahlwerke A G. Cobalt tungsten iron alloy. Issued 8-20-35. (28)
- 2,011,979; Martienssen Oscar. Means for marking cores in bore holes. Issued 8-20-35. (28)
- 2,012,093; Beiersdorf Hans. Door tension device for motor vehicles. Issued 8-20-35. (28)
- 2,012,098; All. Preussische Bergwerks und Hutten. Apparatus for treating mineral salts. Issued 8-20-35. (28)
- 2,012,116; Andreas Arno. Filling nozzle. Issued 8-20-35. (28)
- 2,012,174; All. I G Farbenindustrie A G. Production of nitrogenous condensation products from acetylene and ammonia. Issued 8-20-35. (28)
- 2,012,189; All. Schnellpressenfabrik Koenig and. Automatic casting machine for metal bars as used in composing machines. Issued 8-20-35. (28)
- 2,012,198; All. Soc Italiana Ernesto Breda Per. Metal structure. Issued 8-20-35. (38)
- 2,012,292; All. Zahnradfabrik Friedrichs & Afen A G. Power transmitting mechanism in motor driven vehicles. Issued 8-27-35. (28)
- 2,012,318; Pfrmann Theodor Wilhelm. Process of hydrogenating carbonaceous materials. Issued 8-27-35. (28)
- 2,012,319; All. Hochdruck Apparate Bau GmbH. Pressure releasing device. Issued 8-27-35. (28)
- 2,012,330; Widmaier Hans. Listing calculating machine. Issued 8-27-35. (28)
- 2,012,338; Dietrich Friedrich Richard. Reflector for lamps. Issued 8-27-35. (28)
- 2,012,355; Schonfeld Paul. Manufacture of warp goods. Issued 8-27-35. (28)
- 2,012,363; Vogel Robert. Surgical device. Issued 8-27-35. (28)
- 2,012,373; Borrmann Waldemar et al; Ahrens Friedrich. Piston for internal combustion engines. Issued 8-27-35. (28)
- 2,012,382; All. I G Farbenindustrie A G. Manufacture of silk fibroin soluble in water. Issued 8-27-35. (28)
- 2,012,396; Luce Charles Elmer. Device for discharging pasty viscous or liquid substances. Issued 8-27-35. (28)
- 2,012,403; Reimann Otto. Method and apparatus for producing wooden wall coverings. Issued 8-27-35. (28)
- 2,012,472; All. Luka Handelsgesellschaft Ludewigs. Stamping device. Issued 8-27-35. (28)
- 2,012,480; Reich Max. Measurement of the phase displacement of alternating currents or voltages. Issued 8-27-35. (28)
- 2,012,485; Spiess Georg. Tipping suction device for sheet separating machines. Issued 8-27-35. (28)
- 2,012,517; Ohnesorge Otto. Friction drive. Issued 8-27-35. (28)



- 2,012,577; All. Deutsche Perrot Bremse GmbH. Wheel brake. Issued 8-27-35. (28)
- 2,012,619; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 8-27-35. (28)
- 2,012,631; Kindermann Grete Kindermann Hanns et al. Electrically heated cushion. Issued 8-27-35. (28)
- 2,012,649; Yamaki Masuji. Rubber heel. Issued 8-27-35. (39)
- 2,012,667; Heinemann Rudolf. Vehicle direction indicator. Issued 8-27-35. (28)
- 2,012,693; Rieback Rudolf. Doorlock. Issued 8-27-35. (28)
- 2,012,762; All. Chemische Fabrik R. Baumheier A G. Method of and system for testing the imperviousness to water of impregnated textiles. Issued 8-27-35. (28)
- 2,012,770; All. Fabbrica Italiana Magneti Marelli. Connector for electric cables. Issued 8-27-35. (38)
- 2,012,776; Roeder Hans Albert. Ligator. Issued 8-27-35. (28)
- 2,012,860; Winkler Franz. Spring mounted eccentric hub with brabv and buffer spring. Issued 8-27-35. (28)
- 2,012,877; Iwasa Morizo. Hearing appliance. Issued 8-27-35. (39)
- 2,012,893; Schmidt Hans Schmidt Hermann et al. Free wheel hub with brake device. Issued 8-27-35. (28)
- 2,012,946; Biller Hans. Hand operated toy. Issued 9-3-35. (28)
- 2,012,975; All. Osmose Holzimpraegnierungs GmbH. Method of impregnating wood. Issued 9-3-35. (28)
- 2,012,976; All. Osmose Holzimpraegnierungs GmbH. Composition for impregnating wood. Issued 9-3-35. (28)
- 2,012,997; All. Juners Motorenbau GmbH. Supporting propeller shafts. Issued 9-3-35. (28)
- 2,013,008; Riccardi Aristide. Automatic train signal for level crossings. Issued 9-3-35. (38)
- 2,013,009; Satzinger Gebhard. Machine for comminuting foodstuffs. Issued 9-3-35. (28)
- 2,013,054; Kallos Johann. Automatic depositing device for meat and sausage slicing machines with rotary circular knives. Issued 9-3-35. (34)
- 2,013,178; All. I G Farbenindustrie A G. Projection apparatus. Issued 9-3-35. (28)
- 2,013,197; Zipper Walter. Powder box. Issued 9-3-35. (6)
- 2,013,211; Herkenberg Karl. Process for the production of extensilite electric conductors. Issued 9-3-35. (28)
- 2,013,362; Risdorfer Odon. Automatic Diaphragm. Issued 9-3-35. (34)
- 2,013,363; Risdorfer Odon. Photographic apparatus. Issued 9-3-35. (34)
- 2,013,480; Sandvoss Hermann. Temperature regulator. Issued 9-3-35. (28)
- 2,013,584; Schwanhauser Erich. Process of making writing pencil leads. Issued 9-3-35. (28)
- 2,013,611; Haufmann Hans. Process for the manufacture of facsimiles on wood. Issued 9-3-35. (28)
- 2,013,635; Serafinowicz Oscar. Floating bathing and swimming device. Issued 9-3-35. (28)
- 2,013,766; Sandvoss Hermann. Pressure regulator. Issued 9-10-35. (28)
- 2,013,768; Seldler Otto. Building or paving brick. Issued 9-10-35. (28)
- 2,013,769; Spelling Richard. Process and apparatus for the recovery of the constituents of photographic film material. Issued 9-10-35. (28)
- 2,013,779; Helbig Paul. Door securing device. Issued 9-10-35. (28)
- 2,013,967; All. Bothe Hermann. Apparatus for equalizing driving belts. Issued 9-10-35. (28)
- 2,013,977; All. I G Farbenindustrie AKG. Production of potassium bicarbonate. Issued 9-10-35. (28)
- 2,013,984; All. I G Farbenindustrie AKG. Process for the oxidation of nitrites to nitrates. Issued 9-10-35. (28)
- 2,014,026; Nebel Max. Knitted fabric. Issued 9-10-35. (28)
- 2,014,041; Eirich Joseph Eirich Ludwig et al. Closure for discharge openings. Issued 9-10-35. (28)
- 2,014,048; All. Orenstein & Koppel AKG. Light signaling arrangement. Issued 9-10-35. (28)
- 2,014,049; All. Orenstein & Koppel AKG. Light signaling circuit. Issued 9-10-35. (28)
- 2,014,051; Nishi Hirohisa. Arrangement for starting flight requiring no gliding. Issued 9-10-35. (39)
- 2,014,157; All. Enzinger Union Werke AKG. Device for inserting packing disks in bottle closures. Issued 9-10-35. (28)
- 2,014,171; Fischel Hermann Albert. Sectional boiler. Issued 9-10-35. (28)
- 2,014,181; All. Brehmer Gebruder. Sheet feed device. Issued 9-10-35. (28)
- 2,014,184; All. Rheinische Metallwaaren und. Firearm with exchangeable barrel. Issued 9-10-35. (28)
- 2,014,189; All. Vereinigte Stahlwerke A K G. Apparatus for cracking hydrocarbons. Issued 9-10-35. (28)
- 2,014,308; Brenner Herbert. Trousers press. Issued 9-10-35. (28)
- 2,014,325; Grilli Iginio. Beverage making machine. Issued 9-10-35. (38)
- 2,014,369; All. Gothaer Waggonfabrik A G. Tipping apparatus for railway trucks and the like. Issued 9-17-35. (28)
- 2,014,400; Still Carl. Process for charging and compressing loosely charged coal within oven chambers. Issued 9-17-35. (28)
- 2,014,426; All. Hungarian Rubber Goods Factory Ltd. Inflatable rubber article provided with fiber cover & process for their production. Issued 9-17-35. (34)
- 2,014,432; Gerhold Guido. Auxiliary Keyboard. Issued 9-17-35. (6)
- 2,014,471. All. Edyesult Izzolampa es Villamosag. Process of sealing off vessels containing gas. Issued 9-17-35. (34)
- 2,014,499; Kraus Otto. Signaling apparatus. Issued 9-17-35. (28)
- 2,014,504; All. I G Farbenindustrie A G. Chlorinated rubber. Issued 9-17-35. (28)
- 2,014,512; All. I G Farbenindustrie A G. Production of carbamates and conversion product of the same. Issued 9-17-35. (28)
- 2,014,544; All. Demag A G. Crane. Issued 9-17-35. (28)
- 2,014,548; All. Maschinenfabrik Augsburg Nurnberg & A T. Drum weir. Issued 9-17-35. (28)
- 2,014,617; All. Hesser F R Maschinenfabrik A G. Measuring and filling device. Issued 9-17-35. (28)
- 2,014,668; Rinderknecht August. Means for examining gear wheels. Issued 9-17-35. (28)
- 2,014,671; Rothe Franz. Spraying and squirting device. Issued 9-17-35. (28)
- 2,014,678; Zoller Arnold. Internal combustion engine. Issued 9-17-35. (28)
- 2,014,684; All. Junkers Motorenbau GmbH. Apparatus for measuring the performance of engines. Issued 9-17-35. (28)
- 2,014,687; All. Union Special Maschinenfabrik G M & S. Sewing machine. Issued 9-17-35. (28)
- 2,014,701; Selgmann Arthur. Refrigerating plant. Issued 9-17-35. (28)
- 2,014,823; Tramm Heinrich. Absorption vessel for gases and vapors. Issued 9-17-35. (28)
- 2,014,864; Schlemper Paul. File cutting knife. Issued 9-17-35. (28)
- 2,014,889; Mayrhofer Rudolf; Goldschmidt Stefan et al. Method of producing condensation products of formaldehyde and urea with the conjoint use of the condensation products derived from glycerine and phthalic anhydride. Issued 9-17-35. (28)
- 2,014,914; All. Kroch Fritz. Envelope. Issued 9-17-35. (28)
- 2,014,934; All. Kienzle Uhrenfabriken A G. Synchronous motor driven chime movement for clocks. Issued 9-17-35. (28)
- 2,014,944; All. Klein Schanzlin & Becker A G. Hydrodynamic gear. Issued 9-17-35. (28)
- 2,014,945; Mayer Edmund. Mashing apparatus. Issued 9-17-35. (28)
- 2,015,000; Beringer Christian August. Sail rig for water craft. Issued 9-17-35. (28)
- 2,015,010; All. Richter David A G. Manufacture of stockings. Issued 9-17-35. (28)
- 2,015,127; Rieger Emil. Plant for conveying liquids. Issued 9-24-35. (28)
- 2,015,133; All. Patin Albert. Photoelectric tube. Issued 9-24-35. (28)
- 2,015,181; All. Knorr Bremse A G. Driver's brake valve for compressed air brakes. Issued 9-24-35. (28)
- 2,015,194; Ruping Max. Resilient rail fastening. Issued 9-24-35. (28)
- 2,015,309; Igarashi Tomehiko. Automatic starting stopping apparatus for a Diesel engine. Issued 9-24-35. (39)
- 2,015,310; Jonkhoff Henri Wouter. Vehicle bogie construction. Issued 9-24-35. (28)
- 2,015,311; Jonkhoff Henri Wouter. Vehicle bogie construction. Issued 9-24-35. (28)
- 2,015,332; All. Voith J M. Hydraulic machine. Issued 9-24-35. (28)
- 2,015,451; All. Demag Elektrostahl GmbH. Apparatus for charging furnaces. Issued 9-24-35. (28)
- 2,015,457; Morioka Isao. Process for manufacturing a relief by the aid of photography. Issued 9-24-35. (39)
- 2,015,488; Manabe Takeo. Concrete plant. Issued 9-24-35. (39)
- 2,015,501; Sorge Otto. Rotary machine or engine. Issued 9-24-35. (28)
- 2,015,583; Bartsch Alfred. Cleaning machine. Issued 9-24-35. (28)
- 2,015,604; Molielli Mario. Portable Jib crane. Issued 9-24-35. (38)
- 2,015,638; Kohn Hans. Transmission gear. Issued 9-24-35. (28)
- 2,015,652; All. Rodas Maschinen Fabrik Roderick. Device utilized in conjunction with sheet printing presses for spraying the printed sheets with liquid paraffin or the like. Issued 10-1-35. (28)
- 2,015,735; Thomalla Theo. Safety lock. Issued 10-1-35. (28)
- 2,015,745; Deri Max. Electrical system. Issued 10-1-35. (38)
- 2,015,775; Abraham Manfred. Electrically heated sterilizing and cooling apparatus adapted to be used as an ice box. Issued 10-1-35. (28)
- 2,015,787; Dietrich Karl. Coin freed locking device for typewriters. Issued 10-1-35. (28)
- 2,015,799; Hoffmann Theodor. Press button control for elevators and the like. Issued 10-1-35. (28)
- 2,015,818; Schonfeld Paul. Manufacture of ribbed warp fabric. Issued 10-1-35. (28)
- 2,015,820; All. Pulvermacher Ernst. Box shaped spring. Issued 10-1-35. (28)
- 2,015,846; Falthauer Willy. Expanding closing capsule for bottles and other containers. Issued 10-1-35. (28)
- 2,015,867; Noack Karl. New process for lubricating. Issued 10-1-35. (28)
- 2,015,912; All. Chemische Fabrik Grunau Landhoff. Method of treating high molecular split off products of albumin with higher fatty acid chlorides and product of said method. Issued 10-1-35. (28)
- 2,015,970; Schoene Josef. Injection syringe. Issued 10-1-35. (28)

- 2,016,052; Roeder Fritz. Combined paper punching and folding machine. Issued 10-1-35. (28)
- 2,016,058; Steiner Kurt. Reflex camera. Issued 10-1-35. (28)
- 2,016,064; All. Vereinigte Stahlwerke A G. Iron sheet piling. Issued 10-1-35. (28)
- 2,016,098; All. Schenck Carl Eidengliesserel &. Automatic scale. Issued 10-1-35. (28)
- 2,016,102; All. I G Farbenindustrie A G. Production of conversion products of rubber. Issued 10-1-35. (28)
- 2,016,109; All. I G Farbenindustrie A G. Sulphuric ester of mono acetals. Issued 10-1-35. (28)
- 2,016,315; Calzoni Alfredo. Revolving piston machine. Issued 10-8-35. (38)
- 2,016,322; Eyer Philipp. Process for producing enameled iron articles. Issued 10-8-35. (28)
- 2,016,331; All. Junkers & Co. GmbH. Hot water system. Issued 10-8-35. (28)
- 2,016,423; Frey Walter. Needle threader. Issued 10-8-35. (28)
- 2,016,426; All. I G Farbenindustrie A G. Purification of pyridine. Issued 10-8-35. (28)
- 2,016,442; Kilgus Alfred. Production of gases by decomposition of aqueous electrolytes. Issued 10-8-35. (28)
- 2,016,446; Merckenschlager Karl. Galvanizing apparatus. Issued 10-8-35. (28)
- 2,016,464; Thomas Johannes Robert Wilhelm. Slipping coupling device. Issued 10-8-35. (28)
- 2,016,572; All. I G Farbenindustrie A G. Chlorinated organic compounds containing substantial amounts of acetylene tetrachloride. Issued 10-8-35. (28)
- 2,016,614; Rawetzky Louise Gebr. Bust support with extended body portion. Issued 10-8-35. (28)
- 2,016,617; Schlubach Hans. Process for decomposition of highly polymerized carbohydrates. Issued 10-8-35. (28)
- 2,016,624; Bulgarini Maria Ciulli Ruggieri. Wrench. Issued 10-8-35. (38)
- 2,016,628; Dallenbach Walter. Direct current converter. Issued 10-8-35. (28)
- 2,016,633; All. Oberschlesischer Berg und. Method for the obtention of phenols from coal tars and lignite tars. Issued 10-8-35. (28)
- 2,016,634; Grethe Theodor. Method of producing coffee free from caffeine. Issued 10-8-35. (28)
- 2,016,637; All. Rothenberg E. Refrigerator. Issued 10-8-35. (28)
- 2,016,646; Mancini Niccolo. Automatic firearm. Issued 10-8-35. (38)
- 2,016,653; Reiner Theodor. Door barring device. Issued 10-8-35. (28)
- 2,016,658; All. Ruhrchemie A G. Chlorination of hydrocarbons. Issued 10-8-35. (28)
- 2,016,674; Hamasumi Matsujiro. Centrifugal cast iron pipe. Issued 10-8-35. (39)
- 2,016,720; Krause Georg. Heat exchanging pipe. Issued 10-8-35. (28)
- 2,016,721; Kunze Paul William. Process of obtaining asphalt and asphaltlike substances from acid resins and acid tar. Issued 10-8-35. (28)
- 2,016,734; Wittenberg Otto et al; Harsanyi Eugene. Internal combustion motor. Issued 10-8-35. (34)
- 2,016,750; Mancini Niccolo. Detachable feed belt for automatic firearms. Issued 10-8-35. (38)
- 2,016,807; All. Staedtler J S. Firm. Improved black writing pencil leads. Issued 10-8-35. (28)
- 2,016,972; Schieferstein Georg Heinrich. Mechanically oscillating screening apparatus. Issued 10-8-35. (28)
- 2,017,011; All. Patent treuhand ges fur elektrischy. Method of manufacturing electric resistances. Issued 10-8-35. (28)
- 2,017,236; Enkle Joseph. Free balance escapement. Issued 10-15-35. (28)
- 2,017,279; Gruter Paul Reinhold. Process for making readily soluble complex theophylline compounds. Issued 10-15-35. (28)
- 2,017,282; All. Brehmer Gebruder. Automatic sheet handling arrangement in stitching machines. Issued 10-15-35. (28)
- 2,017,313; Kuwada Gompel. Free running spinning ring. Issued 10-15-35. (39)
- 2,017,367; Kurz Konrad. Method of producing an embossing foil by providing a support adapted to be embossed with a mirror coating. Issued 10-15-35. (28)
- 2,017,376; Rother Paul et al; Grau Georg. Determination of the percentage of water in wood textiles and other substances. Issued 10-15-35. (28)
- 2,017,397; Esser Heinrich. Method and apparatus for welding tubes. Issued 10-15-35. (28)
- 2,017,398; All. Soc Italiana Pirelli. Manufacture of porous rubber. Issued 10-15-35. (38)
- 2,017,475; Schmidt Adam; Machine for the guidance of tools and more particularly of fusing burners. Issued 10-15-35. (6)
- 2,017,478; Stoffel Anna. Device for ironing neckties. Issued 10-15-35. (28)
- 2,017,481; Von Opel Fritz. Closed cycle internal combustion engine and method of operating same. Issued 10-15-35. (28)
- 2,017,558; All. Stickstoffdunger A G. Process of preparing calcium carbide. Issued 10-15-35. (28)
- 2,017,619; All. Schnellpressenfabrik Koenig &. Folding device for rotary printing machines. Issued 10-15-35. (28)
- 2,017,624; Janzen Otto. Synchronous motor. Issued 10-15-35. (28)
- 2,017,628; Lancia Vincenzo. Means for resiliently mounting engines on automobile vehicles. Issued 10-15-35. (38)
- 2,017,640; Ubbelohde Leo. Treatment of felts for paper machines. Issued 10-15-35. (28)
- 2,017,695; Hahnemann Walter. Apparatus for generating or receiving mechanical oscillations. Issued 10-15-35. (28)
- 2,017,696; Hesse Walther. Stylus for making sound records. Issued 10-15-35. (28)
- 2,017,733; Sakakura Yukitoshi. Process for frosting glass bulbs for incandescent lamps. Issued 10-15-35. (39)
- 2,017,772; Schildgen Georg et al; Wehr Georg. Bearing cage. Issued 10-15-35. (28)
- 2,017,796; Freytag Heinrich. Table skittle alley. Issued 10-15-35. (28)
- 2,017,814; Henkels Hugo. Device for the manufacture of sliding clasp fastenings. Issued 10-15-35. (28)
- 2,018,058; All. Torpedo Werke A G. Fahrrader und. Typewriter. Issued 10-22-35. (28)
- 2,018,080; Martienssen Oscar. Method of and device for differentiating between geologic strata traversed by bore holes. Issued 10-22-35. (28)
- 2,018,090; Reiner Ernst et al; Huper Arnold. Vehicle. Issued 10-22-35. (28)
- 2,018,123; Flagiello Vincenzo. Machine for finishing armor plate piercing shells. Issued 10-22-35. (38)
- 2,018,136; Lange Emil. Electric switch. Issued 10-22-35. (28)
- 2,018,207; Giambertoni Andrea. Vacuum cleaner. Issued 10-22-35. (38)
- 2,018,223; Otto Carl. Refractory brick. Issued 10-22-35. (28)
- 2,018,231; All. Lorenz C A G. Self inductance variometer. Issued 10-22-35. (28)
- 2,018,249; Caro Nikodem et al; Frank Albert Rudolf Wendlandt Rudolf Fischer Thomas. Process of carrying through gas reactions. Issued 10-22-35. (28)
- 2,018,262; Hoshino Yukitsune et al; Ogushi Iwao. Audiphone for deaf mutes. Issued 10-22-35. (39)
- 2,018,300; Esser Heinrich. Method of producing industrial iron by means of iron sponge. Issued 10-22-35. (28)
- 2,018,400; All. Ungerer Fritz. Device for straightening plates wires and the like. Issued 10-22-35. (28)
- 2,018,417; Peyinghaus Walter. Rail vehicle axle journal brass. Issued 10-22-35. (28)
- 2,018,422; Sakakura Yukitoshi. Process for frosting glass bulbs in gradation. Issued 10-22-35. (39)
- 2,018,456; Jonas Hans. Embroidering or like machine. Issued 10-22-35. (28)
- 2,018,561; Lucich Giovanni. Gas mixer. Issued 10-22-35. (38)
- 2,018,602; All. Schnellpressenfabrik A G. Apparatus for adjusting and stopping the printing in automatic platen printing presses. Issued 10-22-35. (28)
- 2,018,616; All. Klein Schanzlin and Becker A G. Hydrodynamic gear. Issued 10-22-35. (28)
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- 2,018,752; Walter Richard R. Alloy. Issued 10-29-35. (28)
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- 2,018,783; Graf Leo. Electric spark plug. Issued 10-29-35. (28)
- 2,018,794; All. Humboldt Deutzmotoren A G. Mounting for internal combustion engines. Issued 10-29-35. (28)
- 2,018,837; Collatz Ewald. Centrifugal device. Issued 10-29-35. (28)
- 2,018,914; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion engine. Issued 10-29-35. (28)
- 2,018,918; All. Bergmann Carl. Method and device for separating coherent tobacco leaves. Issued 10-29-35. (28)
- 2,018,987; All. Bayerische A G. Fur Chemische. Process of preparing active bleaching clays. Issued 10-29-35. (28)
- 2,019,002; Drohmann Carl et al; Munz Karl. Machine for packing nutrient fats. Issued 10-29-35. (28)
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- 2,019,135; Jaeger Karl. Railway buffer stop. Issued 10-29-35. (28)
- 2,019,160; Semsch Franz. Flexible container. Issued 10-29-35. (28)
- 2,019,207; Alexander Walter. Vulcanized rubber solution. Issued 10-29-35. (28)
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- 2,019,268; Monheim Richard. Machine for the delivery of tokens. Issued 10-29-35. (28)
- 2,019,356; Normelli Wulff Berzelius. Refrigerating machine operating with a solid absorbent. Issued 10-29-35. (28)
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- 2,019,536; Kemp Paul; Feuer Emanuel. Process and apparatus for producing finely divided lead and lead compounds. Issued 11-5-35. (6)



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- 2,019,567; Heini Franz. Hot water accumulator plant for locomotives. Issued 11-5-35. (6)
- 2,019,570; Kind Oscar. Wire strapping for packages with twisted tie. Issued 11-5-35. (28)
- 2,019,586; All. Anker Werke A G. Thread drawing machine. Issued 11-5-35. (28)
- 2,019,593; Benko Ivan. Table automatic distributor for goods. Issued 11-5-35. (6)
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- 2,019,639; Wolf Gregor. Hand operated cultivator. Issued 11-5-35. (28)
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- 2,025,675; All. Kalle and Co A G. Light sensitive layers. Issued 12-24-35. (28)
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- 2,025,900; All. I G Farbenindustrie A G. Recording and reproduction apparatus for mechanical sound records. Issued 12-31-35. (28)
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- 2,025,916; All. Ruhrchemie A G. Method of producing fertilizers. Issued 12-31-35. (28)
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- 2,026,289; Yasuhiko Asahina; Ishidate Morizo; Tamura Kenzo. Process for the manufacture of paradiketocamphan carboxylic acid and hydroxy oxo camphan carboxylic acid. Issued 12-31-35. (39)
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- 2,026,846; All. Maschinenfabrik Augsburg Nurnberg. Locomotive. Issued 1-7-36. (28)
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- 2,026,863; All. I G Farbenindustrie A G. Mercaptobenzothiazyl aryldisulphides. Issued 1-7-36. (28)
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- 2,027,302; All. Austro Daimler Puchwerke A G. Rail wheel. Issued 1-7-36. (6)
- 2,027,303; All. Austro Daimler Puchwerke A G. Running gear. Issued 1-7-36. (6)
- 2,027,304; All. Austro Daimler Puchwerke A G. Running gear for vehicles. Issued 1-7-36. (6)
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- 2,027,571; All. Siemens Schuckertwerke A G. Method for the transformation of heat. Issued 1-14-36. (28)
- 2,027,610; All. Siemens Schuckertwerke A G. System for the conversion of heat. Issued 1-14-36. (28)
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- 2,027,695; All. Carbo Norit Union Verwaltungen. Process for the preparation of activated or absorbent carbon or decolorizing carbon. Issued 1-14-36. (28)
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- 2,027,781; Lieberknecht Paul. Method of making hosiery. Issued 1-14-36. (28)
- 2,027,856; All. I G Farbenindustrie A G. Process for preparing substituted aldols. Issued 1-14-36. (28)
- 2,027,885; All. Frapido Spielwarenfabrik Alfred. Building element for constructional games. Issued 1-14-36. (28)
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- 2,028,000; Mishima Tokushichi. Permanent magnet containing nickel aluminum and vanadium. Issued 1-14-36. (39)
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- 2,028,362; Tiesky Karl. Automatic lathe. Issued 1-21-36. (28)
- 2,028,460; Landauer Kurt. Holder for match packages. Issued 1-21-36. (28)
- 2,028,496; Chiti Aroldo. Moving and changing sign. Issued 1-21-36. (38)
- 2,028,510; All. Lorenz C A G. Transmitter for electromagnetic waves. Issued 1-21-36. (28)
- 2,028,512; All. Zahnradfabrik Friedrichshafen A G. Freewheeling device for motor vehicles. Issued 1-21-36. (28)
- 2,028,530; Steiner Leo. Clamping buckle. Issued 1-21-36. (34)
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- 2,028,664; Heinemann Rudolf. Vehicle direction indicator. Issued 1-21-36. (28)
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- 2,029,331; Meininghaus Ulrich. Apparatus for regulating turbo machines. Issued 2-4-36. (28)
- 2,029,403; Andreas Arno. Device for conveying finely divided material. Issued 2-4-36. (28)



- 2,029,417; Forster Arthur. Neck protector for use with hair dressers wrappers or the like. Issued 2-4-36. (28)
- 2,029,450; All. Liesen & Co. Heat exchanger. Issued 2-4-36. (28)
- 2,029,588; All. I G Farbenindustrie. A G. Film forming compositions. Issued 2-4-36. (28)
- 2,029,614; All. Siemens & Ahlske A G. Apparatus for taking or projecting lenticulated films. Issued 2-4-36. (28)
- 2,029,618; All. I G Farbenindustrie A G. Production of alcohols. Issued 2-4-36. (28)
- 2,029,623; All. I G Farbenindustrie A G. Working up of natural and industrial salt mixtures. Issued 2-4-36. (28)
- 2,029,666; All. Marklin Apparatebau GmbH. Carburetor. Issued 2-4-36. (28)
- 2,029,692; Zindel Ernst. Firearm equipment for aircraft. Issued 2-4-36. (28)
- 2,029,700; All. Deutsche Luftfahrt und Handels A 7. Inclination responsive device for aircraft. Issued 2-4-36. (28)
- 2,029,738; All. I G Farbenindustrie A G. Process for the production of alkali nitrate. Issued 2-4-36. (28)
- 2,029,790; All. Corballo gesellschaft MbH. Flinging device for ball games. Issued 2-4-36. (28)
- 2,029,827; Majer Christian. Machine for continuously inserting bottoms and lids in finished vessel walls of paper cardboard and the like. Issued 2-4-36. (28)
- 2,029,857; All. Conradt C. Trolley system. Issued 2-4-36. (28)
- 2,029,899. All. Nestler Albert A G. Ruler attachment. Issued 2-4-36. (28)
- 2,029,939; Niccolai Ruggero. Hydrostatic valve more particularly for siphon discharge apparatus. Issued 2-4-36. (38)
- 2,029,943; All. Schlafhorst W. Co. Yarn and thread tensioning mechanism for cop winding and like textile machines. Issued 2-4-36. (28)
- 2,029,957; Trachtenberg Jakow. Electrical multiple typewriter. Issued 2-4-36. (28)
- 2,029,980; Besag Ernst. Releasing arrangement for electric switches. Issued 2-4-36. (28)
- 2,030,009; Lederle Ekbert. Red pigments. Issued 2-4-36. (28)
- 2,030,082; All. Goldschmit Th A G. Making potash. Issued 2-11-36. (28)
- 2,030,225; Poeggel Erich. Means for cutting setting and..... Issued 2-11-36. (28)
- 2,030,229; Schwarzkopf Paul. Process of making compound structural material and shaped articles thereof. Issued 2-11-36. (6)
- 2,030,334; Still Carl. Apparatus for the production of coke and gas in horizontal chamber ovens. Issued 2-11-36. (28)
- 2,030,366; Grave Otto. Electric vacuum cleaner. Issued 2-11-36. (28)
- 2,030,367; Grave Otto. Electric vacuum cleaner. Issued 2-11-36. (28)
- 2,030,375; Kort Ludwig. Combined device of a ships propeller enclosed by a nozzle. Issued 2-11-36. (28)
- 2,030,481; All. Wanderer Werke Vorm Winkelhofer machine tool particularly milling machine having a counter support. Issued 2-11-36. (28)
- 2,030,486; Weiss Ernst. Movement for kicking dolls. Issued 2-11-36. (28)
- 2,030,495; Retschneider Max. Embroidering machine. Issued 2-11-36. (28)
- 2,030,506; Driescher Fritz. Distribution board with fuses adapted to be cut out by hand. Issued 2-11-36. (28)
- 2,030,526; Metzler Carl Gottfried Rudolf. Process for concentrating all kinds of precious metal ores by froth flotation. Issued 2-11-36. (28)
- 2,030,527; Meyer Hans. Device for simultaneously regulating the pressure of a series of pressure rolls adjacent a heating table. Issued 2-11-36. (28)
- 2,030,545; Schulze Hermann. Porous boot or shoe sole. Issued 2-11-36. (28)
- 2,030,583; All. Wintershall A G. Process for avoiding setting phenomena in commercially prepared salts. Issued 2-11-36. (28)
- 2,030,609; Quittner Heinrich. Closure device. Issued 2-11-36. (6)
- 2,030,619; All. Chemische Fabrik Joh A Benckiser. Process for making anhydrous citric acid. Issued 2-11-36. (28)
- 2,030,642; Kremmling Aribert. Mold for molding or embossing or the like plastic material such as dough. Issued 2-11-36. (28)
- 2,030,644; All. Peyinghaus Walter. Axle bearing lubrication device. Issued 2-11-36. (28)
- 2,030,655; Roch Rudolf et al; Roch Henry. Combined billiard table and expanding table. Issued 2-11-36. (28)
- 2,030,695; Erber Bernhard. Electric lamp. Issued 2-11-36. (6)
- 2,030,752; All. Maybach Motorenbau GmbH. Change speed gear. Issued 2-11-36. (28)
- 2,030,771; Still Carl. Apparatus for the expansion of hydrocarbons for cracking and distillation. Issued 2-11-36. (28)
- 2,030,781; Dallenbach Walter. Arrangement for supervising the vacuum i e the gas or vapor pressure in vacuum discharge apparatus. Issued 2-11-36. (28)
- 2,031,059; Natella Matteo. Transmission mechanism. Issued 2-18-36. (38)
- 2,031,078; Georg Spiess. Sheet separating and feeding device. Issued 2-18-36. (28)
- 2,031,122; Mueller Wilhelm. Furnace for roasting sulphurous ores. Issued 2-18-36. (28)
- 2,031,133; Schumann Robert. Electric hand tool. Issued 2-18-36. (28)
- 2,031,149; Eirich Ludwig et al; Eirich Joseph. Edge runner like mixing and kneading machine. Issued 2-18-36. (28)
- 2,031,180; All. Kali Chemie A G. Making water soluble barium salts and hydrogen peroxide. Issued 2-18-36. (28)
- 2,031,243; Wolf Eduard Julius. Treatment of organic cellular materials. Issued 2-18-36. (28)
- 2,031,318; All. Junkers Motorenbau GmbH. Engine. Issued 2-18-36. (28)
- 2,031,433; Sosso Giulio. Ammunition loading device with chain conveyer for small arms. Issued 2-18-36. (38)
- 2,031,436; Thormeyer Hans. Turbine driven vessel. Issued 2-18-36. (28)
- 2,031,567; All. Lechler Firma Paul. Method and apparatus for manufacturing packing. Issued 2-18-36. (28)
- 2,031,569; Maul Michael. Verifying machine for perforated records. Issued 2-18-36. (28)
- 2,031,586; All. I G Farbenindustrie A G. Process for the manufacture of condensation products. Issued 2-25-36. (28)
- 2,031,675; Schweiger Curt Wilhelm. Sewing machine. Issued 2-25-36. (28)
- 2,031,702; All. Degea A G Auergesellschaft. Silencer for internal combustion engines. Issued 2-25-36. (28)
- 2,031,711; All. Carbo Norit Union Verwaltungen G M & S H. Purifying of water. Issued 2-25-36. (28)
- 2,031,714; All. Silesia Verein Chemischer Fabriken. Process for the production of disulphides from mercaptothiazols. Issued 2-25-36. (28)
- 2,031,776; Honigsberg Robert. Stiffening of double collars. Issued 2-25-36. (6)
- 2,031,904; All. Krupp Fried A G. Machine parts & apparatus intended for high temperature operation. Issued 2-25-36. (28)
- 2,032,014. All. Sohne H Krants. Tentering & drying machine. Issued 2-25-36. (28)
- 2,032,019; Jordon Kurt Robert. Lock for interlocking fasteners. Issued 2-25-36. (28)
- 2,032,123; All. Freudenberg Carl GmbH. Process of converting a fibrous material. Issued 2-25-36. (28)
- 2,032,152; Saupe Georg. Flat warp knitting machine. Issued 2-25-36. (28)
- 2,032,153; Schneider Hermann. Multicompartiment container. Issued 2-25-36. (28)
- 2,032,166; Breuer Armin. Paper conveying device for sheets especially for use in office printing machines. Issued 2-25-36. (28)
- 2,032,243; Wolff Otto. Sheet iron piling. Issued 2-25-36. (28)
- 2,032,262; Cori Blanche. Gas filter. Issued 2-25-36. (28)
- 2,032,444; All. Klangfilm GmbH. Speed regulation. Issued 3-3-36. (28)
- 2,032,556; All. Vereinigte Kugellagerfabriken A G. Tension pulley. Issued 3-3-36. (28)
- 2,032,564; All. Wehrle Werk A G. Device for charging gas generators and the like. Issued 3-3-36. (28)
- 2,032,587; All. Zahnradfabrik Friedrichshafen A G. Change speed gear. Issued 3-3-36. (28)
- 2,032,720; Sander Karl. Pipe connection. Issued 3-3-36. (28)
- 2,032,847; Kleinmann Ernst et al; Mendel Alfred. Electrical contact plug. Issued 3-3-36. (28)
- 2,032,857; All. Luftschiffbau Zeppelin GmbH. Balloon envelope material and method of manufacturing the same. Issued 3-3-36. (28)
- 2,032,858; Schaper Wolfgang. Separable fastener. Issued 3-3-36. (28)
- 2,032,949; Nebel Max. Flat knitting machine. Issued 3-3-36. (28)
- 2,032,992; Lant Richard. Woven or knitted fabric mainly consisting of cellulosic fibers and method of manufacturing same. Issued 3-3-36. (6)
- 2,033,000; Pampinella Antonio. Davit for lifeboats. Issued 3-3-36. (38)
- 2,033,006; Pruss, Max. Sludge digestion chamber. Issued 3-3-36. (28)
- 2,033,031; Jasicek Alfons et al (6); Polnauer Fritz. Textile machinery. Issued 3-3-36. (28)
- 2,033,034; Knaff Albert. Grinding and polishing device. Issued 3-3-36. (28)
- 2,033,097; All. Koepf Rudolph and Co Chemische Fabrik. Process for the preparation of potassium oxalate from potassium formate. Issued 3-3-36. (28)
- 2,033,103; Beyersdorfer Paul. Process for making glass enamels, glazes and the like containing lead. Issued 3-3-36. (28)
- 2,033,297; Pott Alfred et al; Broche Hans; Ehrmann Kuno. Method of purifying and stabilizing aromatic light oil. Issued 3-10-36. (28)
- 2,033,310; All. Universelle Cigarettenmaschinen. Machine for making cigar rolls. Issued 3-10-36. (28)
- 2,033,439; All. Mercedes Buromaschinen Werke AKG. Calculating machine. Issued 3-10-36. (28)
- 2,033,444; Nisizawa Yusiti. Method of etching aluminum. Issued 3-10-36. (39)
- 2,033,582; Materno Arthur. Dispensing container for toilet paper. Issued 3-10-36. (6)
- 2,033,605; All. Seidel & Naumann Vorm AKG. Joint for connecting movable members of typewriters or the like. Issued 3-10-36. (28)
- 2,033,664; All. Fichtel & Sachs AKG. Overflow valve for hydraulic shock absorbers. Issued 3-10-36. (28)
- 2,033,688; All. Doehner Lina. Production of ladderproof knitted fabric. Issued 3-10-36. (28)
- 2,033,714; All. Lampen und Metallwarenfabriken. Burner for liquid fuels. Issued 3-10-36. (6)

<sup>1</sup>So in original document.

- 2,033,717; Kopetz Josef. Device for making flexible tubing from strip material. Issued 3-10-36. (6)
- 2,033,718; Kraus Wilhelm. Condensation products of the carbamide formaldehyde type and process of making same. Issued 3-10-36. (6)
- 2,033,732; All. Hanseatische Muehlenwerke AKG. Process for the working up of soaps. Issued 3-10-36. (28)
- 2,033,738; All. Schlafhorst & Co W. Apparatus for beaming yarn. Issued 3-10-36. (28)
- 2,034,057; All. Wurttembergische Metallwaren. Electrodeposited cooking utensils. Issued 3-17-36. (28)
- 2,034,123; All. Junkers and Co G.m.b.H. Liquid heater. Issued 3-17-36. (28)
- 2,034,168; Wittmers Otto. Device for moving the lay of mechanical weaving looms. Issued 3-17-36. (28)
- 2,034,206; Rauchbaar Wilhelm. Reversible sliding sash window. Issued 3-17-36. (28)
- 2,034,207; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 3-17-36. (28)
- 2,034,208; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 3-17-36. (28)
- 2,034,209; Ritzerfeld Wilhelm. Moistener for duplicating apparatus. Issued 3-17-36. (28)
- 2,034,248; All. Schlafhorst W Co. Bobbin changing device for pivot winding frames. Issued 3-17-36. (28)
- 2,034,258; Hausser Ernst Hermann. Locking washer. Issued 3-17-36. (28)
- 2,034,297; All. Farbenindustrie A G. Binding agents and a process of preparing them. Issued 3-17-36. (28)
- 2,034,332; All. Koepp Rudolph Co Chemische. Process for concentrating aqueous formic acid. Issued 3-17-36. (28)
- 2,034,334; Falkenthal Erwin. Photoelectric cell. Issued 3-17-36. (28)
- 2,034,355; All. Schlafhorst W Co. Cop winding machine. Issued 3-17-36. (28)
- 2,034,356; All. Schlafhorst & Co. Yarn tensioning device for textile machines. Issued 3-17-36. (28)
- 2,034,388; Cemach Alexander. Appliance for the treatment of the larynx with ultra violet rays. Issued 3-17-36. (6)
- 2,034,467; Haber Eugen. Apparatus for removing of solid or liquid particles from gases or vapors. Issued 3-17-36. (28)
- 2,034,474; Knetsch Guido. Riding saddle frame. Issued 3-17-36. (28)
- 2,034,616; Gossler Heinrich. Signaling device for power vehicles. Issued 3-17-36. (28)
- 2,034,670; All. Vereinigte Kugellagerfabriken A G. Floating bearing. Issued 3-17-36. (28)
- 2,034,692; Breitbart Hans. Apparatus for making centrifugal castings. Issued 3-24-36. (28)
- 2,034,704; Takayanagi Kenjiro; Nakashima Tomomasa et al. Television receiving system. Issued 3-24-36. (39)
- 2,034,913; Kros Josef. Electric hand lamp. Issued 3-24-36. (28)
- 2,034,969; All. Rud Otto Meyer. Apparatus for effecting the growth of crystals in vacuo. Issued 3-24-36. (28)
- 2,034,986; Mislowitzer Ernst. Device for dispatching swabs blood samples and the like for bacteriological and diagnostic purposes. Issued 3-24-36. (28)
- 2,034,999; All. I G Farbenindustrie A G. Joint production of a soda lye poor in sodium chloride and of glauher salt. Issued 3-24-36. (28)
- 2,035,031; Von Koczian Gustav. Adjustable fastener. Issued 3-24-36. (28)
- 2,035,048; Daranyi Stephan Carl. Manufacture of yeast. Issued 3-24-36. (28)
- 2,035,107; Voss Gunther. Cable crane. Issued 3-24-36. (28)
- 2,035,119; Folsche Viktor. Indicating device for use in connection with grinding tools. Issued 3-24-36. (28)
- 2,035,140; Brill Eugen. Composition for making dental fillings. Issued 3-24-36. (28)
- 2,035,145; Cohn Henryk et al; Siebert Conrad. Metallo albumin tannin compounds. Issued 3-24-36. (28)
- 2,035,206; All. Lintz and Eckhardt. Sewing and embroidering machine with top feed and oscillating needle. Issued 3-24-36. (28)
- 2,035,210; Zinner Elizar. Mitten for children to prevent sucking of thumbs. Issued 3-24-36. (28)
- 2,035,211; Aivaz Boris. Cigarette tube and apparatus for making such tubes. Issued 3-24-36. (34)
- 2,035,217; All. Vereinigte Stahlwerke A G. Iron pile. Issued 3-24-36. (28)
- 2,035,249; Steiner Leo. Means for guiding the workpiece in sharpening machines. Issued 3-24-36. (34)
- 2,035,257; Blaser Rudolf. Belt for supporting wearing apparel. Issued 3-24-36. (28)
- 2,035,317; All. Chemische Fabriken Dr Joachim Wiernik and Co A G. 5 Isopropyl 5 furomethyl barbituric acid. Issued 3-24-36. (28)
- 2,035,398; Muller Carl Wilhelm. Filter mouthpiece cigarette. Issued 3-24-36. (28)
- 2,035,417; All. Bosch Robert A G. Cage for rolling bearings. Issued 3-24-36. (28)
- 2,035,550; Karwat Ernst. Process for producing pig iron or steel simultaneously with portland cement. Issued 3-31-36. (28)
- 2,035,645; All. Bembery I P A G. Cuprammonium cellulose film. Issued 3-31-36. (28)
- 2,035,692; Dietrich Friedrich Richard. Divided piston. Issued 3-31-36. (28)
- 2,035,721; All. Schlafhorst W Co. Winding cop. Issued 3-31-36. (28)
- 2,035,725; Dueball Emil; Senkel Richard et al. Machine for reading perforated cards. Issued 3-31-36. (28)
- 2,035,729; Takahashi Tatsumi. Pneumatic hammer testing machine. Issued 3-31-36. (39)
- 2,035,765; Schmidt Adam. Autogenous welding and cutting machine. Issued 3-31-36. (6)
- 2,035,798; All. Goldveck Heinrich. Flexible key. Issued 3-31-36. (28)
- 2,035,800; Drauz Gustav. Body for power vehicles. Issued 3-31-36. (28)
- 2,035,801; Gastrow Hans. Control for die casting machines for plastic masses. Issued 3-31-36. (28)
- 2,035,804; All. Preussische Bergwerks und Hutten A G. Manufacture of potassium nitrate. Issued 3-31-36. (28)
- 2,035,809; Hingst Hermann Gustav Christian. Shock absorbing device for motor vehicle. Issued 3-31-36. (28)
- 2,035,812; Janzen Otto. Electric hand lamp. Issued 3-31-36. (28)
- 2,035,825; All. Durkipp Werke A G. Process of producing colored pictures. Issued 3-31-36. (28)
- 2,035,844; Stachow Carl Friedrich. Arrangement of door buffers on the doors of motor cars. Issued 3-31-36. (28)
- 2,035,894; All. Ruetsger Werke A G. Wetting agent. Issued 3-31-36. (28)
- 2,035,917; All. Raschig F Dr GmbH. Manufacture of phenol. Issued 3-31-36. (28)
- 2,035,953; Fernholz Ernst. Nonreturn valve for use with compressed or liquid gases. Issued 3-31-36. (28)
- 2,035,960; All. Schubert & Salzer Maschinenfabrik. Lace attachment for knitting machines. Issued 3-31-36. (28)
- 2,036,101; Rohn Wilhelm. Continuous rolling mill. Issued 3-31-36. (28)
- 2,036,104; Strobel Alfons. Improvements in sewing machines. Issued 3-31-36. (28)
- 2,036,117; Cante Cornelius. Electric heater for liquids. Issued 3-31-36. (28)
- 2,036,129; Franke Alfred. Friction wheel spindle press for producing ceramic tiles. Issued 3-31-36. (28)
- 2,036,146; Kamper Adolf. Reflecting sign. Issued 3-31-36. (28)
- 2,036,945; Lierg Friedrich. Process for the production of colored pictures particularly in natural colors on paper films and the like. Issued 4-7-36. (6)
- 2,036,950; Meyer Felix. Regulating the flow of fluids. Issued 4-7-36. (28)
- 2,037,087; Ninelt Fred. Device for producing artificial silk threads of perfectly uniform cross sectional shape. Issued 4-14-36. (28)
- 2,037,134; Jaeger Fritz. Filter. Issued 4-14-36. (28)
- 2,037,149; Reiner Otto. Reversible regenerative furnace. Issued 4-14-36. (28)
- 2,037,178; All. Schoenfelder Paul Emil. Typewriting and similar machine. Issued 4-14-36. (28)
- 2,037,261; Nenninger Eugen. Locking device. Issued 4-14-36. (28)
- 2,037,314; All. I G Farbenindustrie A G. Printing part color picture. Issued 4-14-36. (28)
- 2,037,324; Heusinkveld Friedrich Wilhelm et al; Brauckmann Ernst Grosse. Device for winding up electric flexible cords. Issued 4-14-36. (28)
- 2,037,348; Stein Marcel. Automatic lap winding machine. Issued 4-14-36. (34)
- 2,037,349; Svetlik Kurt. Waxing apparatus. Issued 4-14-36. (28)
- 2,037,350; Tabozzi Giacinto. Flexible tube and union. Issued 4-14-36. (38)
- 2,037,478; Livraghi Erminia. Thermochemical process for the production of an anti-detonating fuel for explosion engines. Issued 4-14-36. (38)
- 2,037,483; All. Glanzstoff Courtaulds GmbH. Method of and apparatus for drying artificial silk cakes. Issued 4-14-36. (28)
- 2,037,490; All. Harpen und Vorkauf Ingenieure. Rotary neat exchanger. Issued 4-14-36. (28)
- 2,037,512; Kahlisch Gustav. Method of producing cross wound warp beams and apparatus therefor. Issued 4-14-36. (28)
- 2,037,542; All. Kalle and Co A G. Light sensitive materials containing light sensitive diazo compounds. Issued 4-14-36. (28)
- 2,037,553; All. Suddeutsche Metallwaren Fabrik. Portable lemon slice squeezer for table use. Issued 4-14-36. (28)
- 2,037,587; Otto Carl et al; Stackel Walter. Producing gas and coke in chamber ovens. Issued 4-14-36. (28)
- 2,037,595; All. Collin and Co. Process for the production of crystals of slats. Issued 4-14-36. (28)
- 2,037,599; All. Metallgesellschaft A G. Process for reacting rubber with halogen and oxygen gases. Issued 4-14-36. (28)
- 2,037,690; Baier Georg. Operating mechanism for typewriters. Issued 4-21-36. (28)
- 2,037,860; All. Magirus C D A G. Extension ladder. Issued 4-21-36. (28)
- 2,037,871; All. Vereinigte Stahlwerke A G. Resilient wagon wheel. Issued 4-21-36. (28)
- 2,037,930; All. Klingelberg Firm W Ferd Sohne. Machine for cutting bevel gears with longitudinally curved teeth. Issued 4-21-36. (28)
- 2,037,943; Stiehl Otto Ernst et al; Lohr Ernst Jr. Knife with handle casing. Issued 4-21-36. (28)
- 2,037,990; Martin Josef. Ash removing mechanism. Issued 4-21-36. (28)
- 2,038,261; All. Leitz Ernst. Coupling for distance meters and objectives of photographic cameras. Issued 4-21-36. (28)
- 2,038,372; Linz Bernhard. Lay figure for garment displays. Issued 4-21-36. (28)
- 2,038,440; Natta Giulio. Manufacturing process for obtaining hydrogen by conversion of water gas. Issued 4-21-36. (38)
- 2,038,444; Ragg Alphonse Friedrich Manfred. Anticorrosive paint. Issued 4-21-36. (28)



- 2,038,449; Richter Arthur. Flat knitting frame. Issued 4-21-36. (28)
- 2,038,486; Glas Emil. Electrochemical recording of electric currents. Issued 4-21-36. (6)
- 2,038,494; Kampfer Adolf. Method of producing laminated glass. Issued 4-21-36. (28)
- 2,038,569; Kaselitz Oscar. Production of alkali metal nitrates. Issued 4-28-36. (28)
- 2,038,583; All. Ketten P J V & Getriebe GmbH. Power transmitting chain. Issued 4-28-36. (28)
- 2,038,670; All. Holzwarth Gasturbinen GmbH. Method of fixing turbine blades in plate. Issued 4-28-36. (28)
- 2,038,711; Branchini Luigi. Measuring instrument for use of tailors. Issued 4-28-36. (38)
- 2,038,739; All. Hennefer Maschinen Fabrik C Reuthnz. Locking device for automatic weighing machines or scales. Issued 4-28-36. (28)
- 2,038,787; Guerra Ugo. Earth inductor compass. Issued 4-28-36. (38)
- 2,038,839; Gross Karl. Printing ink. Issued 4-28-36. (28)
- 2,038,841; All. Minimax A G. Device for fog forming apparatus of long duration with increased starting effect. Issued 4-28-36. (28)
- 2,038,877; Spless Georg. Sheet separating and feeding device. Issued 4-28-36. (28)
- 2,038,960; All. Ostwald Dr Eugen. Device for producing periodical current impulses. Issued 4-28-36. (28)
- 2,039,078; Hertwig August. Means for consolidating the ground. Issued 4-28-36. (28)
- 2,039,152; All. Mayer & Schmidt Schleifmaschinen. Adjustable bearing. Issued 4-28-36. (28)
- 2,039,165; Hayakawa Kazuma. Method of treating aluminium or aluminium alloy. Issued 4-28-36. (39)
- 2,039,166; Hoepfner Karl. Spading wheel tractor. Issued 4-28-36. (28)
- 2,039,170; All. I G Farbenindustrie A G. Absorption of ethers. Issued 4-28-36. (28)
- 2,039,179; Mazzini Franco. Air circulation valve in the supporting surfaces of aeroplanes. Issued 4-28-36. (38)
- 2,039,181; Muller Fritz. Rail fastening. Issued 4-28-36. (28)
- 2,039,185; Pfistershammer Josef. Climbing iron. Issued 4-28-36. (6)
- 2,039,192; Schober Alfred et al; Wegmann Alfred. Bearing for the trunnions of ladies and the like. Issued 4-28-36. (28)
- 2,039,196; All. Ringsdorf Werke A G. Brush holder for electrical ----- Issued 4-28-36. (28)
- 2,039,201; Trautwein Friedrich. Arrangement for the production of musical sounds by electrical means. Issued 4-28-36. (28)
- 2,039,205; All. Weissenbeck Frida. Pocket powder case. Issued 4-28-36. (6)
- 2,039,231; Lindner Herbert. Device for measuring the adjustment of machine tool carriages. Issued 4-28-36. (28)
- 2,039,232; Lindner Herbert. Rectilinear adjustment of machine parts. Issued 4-28-36. (28)
- 2,039,243; All. I G Farbenindustrie A G. Production of artificial resins. Issued 4-28-36. (28)
- 2,039,342; All. Augsburg Nurnberg A G. Spring element. Issued 5-5-36. (28)
- 2,039,458; All. Vereinigte Leichtmetallwerke GmbH. Aluminum alloys. Issued 5-5-36. (28)
- 2,039,587; All. Soc Italiana Pirelli. Fluid filled electric cable system. Issued 5-5-36. (38)
- 2,039,675; Wisbrun Walter. Foot arch support. Issued 5-5-36. (28)
- 2,039,687; Ficker Johannes et al; Eckert Emil. Pencil sharpener. Issued 5-5-36. (28)
- 2,039,734; All. I G Farbenindustrie AKG. New compositions of matter containing luminous substances. Issued 5-5-36. (28)
- 2,039,795; Henzelmann Karl Otto Reinhold. Calculating machine. Issued 5-5-36. (28)
- 2,039,802; Kaufmann Hans. Quinine compound and process of making the same. Issued 5-5-36. (28)
- 2,039,839; Seibel Rudolf. Beer clarifier. Issued 5-5-36. (28)
- 2,039,994; Herker Kurt Heinrich Wilhelm. Escalator. Issued 5-5-36. (28)
- 2,040,006; Konig Jozsef. Apparatus for producing vibrating light effects. Issued 5-5-36. (34)
- 2,040,017; All. Scholtes Josef. Apparatus for cutting foods and the like. Issued 5-5-36. (28)
- 2,040,018; All. Berning & Co Otto. Photographic camera. Issued 5-5-36. (28)
- 2,040,023; All. Schlafhorst W Co. Winding machine with mechanical charging of bobbins. Issued 5-5-36. (28)
- 2,040,066; All. Busch Emil A G Optische Industrie. Comparison microscope. Issued 5-5-36. (28)
- 2,040,142; Lant Richard; Koreska Wilhelm et al. Recording support. Issued 5-12-36. (6)
- 2,040,158; Turk Wilhelm. Support for inking mechanism. Issued 5-12-36. (28)
- 2,040,203; All. Grazer Waggon und. Automatic brake shoe pressure adjusting apparatus for railway vehicles. Issued 5-12-36. (6)
- 2,040,204; All. Soc Italiana Pirelli. Means for maintaining fluid pressure in sheathed electric cables. Issued 5-12-36. (38)
- 2,040,207; Kraus Wilhelm. Process for the production of condensation products. Issued 5-12-36. (6)
- 2,040,225; All. Vomag Betriebs A G. Cuck. Issued 5-12-36. (28)
- 2,040,280; All. Siemens & Halske A G. Method of copying lenticulated films. Issued 5-12-36. (28)
- 2,040,326; Nebel Ax. Apparatus for making plush fabric. Issued 5-12-36. (28)
- 2,040,419; Wirth Thomas. Indicating device. Issued 5-12-36. (28)
- 2,040,444; Rancke Hinrich. Flushing device. Issued 5-12-36. (28)
- 2,040,445; Sakamoto Taneyoshi. Vertical lift bridge. Issued 5-12-36. (39)
- 2,040,460; All. I G Farbenindustrie A G. Process for the manufacture of rubber conversion products. Issued 5-12-36. (28)
- 2,040,553; All. Rafflenbeul Gust GmbH. Production of drawing pins wire tacks and the like. Issued 5-12-36. (28)
- 2,040,571; All. Egeyult Izzolampa es Villamossag. Discharge vessel and method of making same. Issued 5-12-36. (34)
- 2,040,581; Voortmann Walter. Mine blasting and similar operations. Issued 5-12-36. (28)
- 2,040,608; Hinrichs Wilhelm J H. Method of producing moistureproof and airtight materials. Issued 5-12-36. (28)
- 2,040,612; Kocks Fritz. Rolling mill with incined rolls. Issued 5-12-36. (28)
- 2,040,721; All. Vereinigte Stahlwerke A G. Lock gate. Issued 5-12-36. (28)
- 2,040,722; All. Vereinigte Stahlwerke A G. Lock and gate structure. Issued 5-12-36. (28)
- 2,040,735; Gerdts Gustav Friedrich. Steam trap. Issued 5-12-36. (28)
- 2,040,742; Holy Josef. Sound record reproducing device. Issued 5-12-36. (6)
- 2,040,755; Meyer Eduard. Regulating means for rolling mechanisms. Issued 5-12-36. (28)
- 2,041,088; All. Uhde Friedrich Ingenieur Buro. Method of making granulated materials. Issued 5-19-36. (28)
- 2,041,123; Foppl Otto. Key and key joint. Issued 5-19-36. (28)
- 2,041,152; Scupin Werner. Device for accommodating wound film bands. Issued 5-19-36. (28)
- 2,041,237; All. Smelting Metallurgische und. Process for producing zinc oxide. Issued 5-19-36. (34)
- 2,041,253; Leussler Emil. Cartridge shell. Issued 5-19-36. (28)
- 2,041,271; Stuting Heinrich. Rolling mill. Issued 5-19-36. (28)
- 2,041,286; All. Ganz Gustav and Co. Indirectly heated cathode. Issued 5-19-36. (6)
- 2,041,422; L Orange Rudolf. Fuel pump for internal combustion engines. Issued 5-19-36. (28)
- 2,041,433; All. Lorenz C A G. High frequency receiver. Issued 5-19-36. (28)
- 2,041,438; Siewers Heinrich. Table. Issued 5-19-36. (28)
- 2,041,454; All. Barmer Maschinenfabrik A G. Gear pump for artificial silk spinning machines. Issued 5-19-36. (28)
- 2,041,465; All. I G Farbenindustrie A G. Device for obturating multicolor filters. Issued 5-19-36. (28)
- 2,041,474; Kirschmann Leopold. Adjustable and clam;able stand for electric lamps and for displaying articles. Issued 5-19-36. (28)
- 2,041,480; Oexmann Heinrich. Carrier for magnetic recording. Issued 5-19-36. (28)
- 2,041,502; All. I G Farbenindustrie A G. Artificial masses. Issued 5-19-36. (28)
- 2,041,570; Reiffenstein Manfred. Turbo machine. Issued 5-19-36. (6)
- 2,041,632; All. Leitz Ernst Optische Werke. Cinematographic and photographic camera. Issued 5-19-36. (28)
- 2,041,633; All. Leitz Ernst GmbH. Photographic camera. Issued 5-19-36. (28)
- 2,041,635; All. Vereinigte Stahlwerke A G. Steel for railroad rails wheel tires plank-piles and other objects which are subjected to heavy wear. Issued 5-19-36. (28)
- 2,041,663; Marx Erwin. Means for converting alternating current into direct current and vice versa. Issued 5-19-36. (28)
- 2,041,893; Winkler Franz. Freewheel hub with coaster brake and brake locking device. Issued 5-26-36. (28)
- 2,041,918; Freund Willy. Spinning and doubling machine. Issued 5-26-36. (28)
- 2,041,941; Matuschke Walter et al; Blasing Erich. Printing plate matrix. Issued 5-26-36. (28)
- 2,041,957; All. Pape & Co GmbH. Method of working up low valued materials such as pitch acid sludge and the like. Issued 5-26-36. (28)
- 2,042,007; Kennedy Jerome Francis. Constructional toy elements consisting of tubes plates and connecting pieces. Issued 5-26-36. (28)
- 2,042,018; Papst Hermann. Method of producing mirror wheels. Issued 5-26-36. (28)
- 2,042,043; Garelli Adalberto. Reciprocating engine. Issued 5-26-36. (38)
- 2,042,049; Heidenhain Johannes. Method for the production of dials scales and the like. Issued 5-26-36. (28)
- 2,042,122; Piccardo Cesare. Automatic discharge of mud from steam boilers and heaters of liquids system for the prevention of scale formation and for the continuous. Issued 5-26-36. (38)
- 2,042,131; Spiess Georg. Feed regulating device. Issued 5-26-36. (28)
- 2,042,132; Treskow Robert. Pipe joint. Issued 5-26-36. (28)
- 2,042,161; Satzinger Gebhard. Comminuting machine for foodstuffs. Issued 5-26-36. (28)
- 2,042,369; Von Killan Albert. One button switch. Issued 5-26-36. (28)

<sup>1</sup>So in original document.

- 2,042,543; Maus Johann. Ski tie. Issued 6-2-36. (28)
- 2,042,552; All. Deutsche Rohrenwerke A G. Process for producing seamless tubes. Issued 6-2-36. (28)
- 2,042,613; Mancini Niccolo. Discharge mechanism for automatic firearms. Issued 6-2-36. (38)
- 2,042,653; Conradty Ottmar. Collector for electric cars. Issued 6-2-36. (28)
- 2,042,687; Tessky Karl. Automatic lathe. Issued 6-2-36. (28)
- 2,042,690; Weber Paul. Heating apparatus employing catalytic combustion. Issued 6-2-36. (28)
- 2,042,709; Fallscheer Fritz. Yarn bobbin or tube particularly for use in looms. Issued 6-2-36. (28)
- 2,042,720; Lindner Herbert. Jig boring machine. Issued 6-2-36. (28)
- 2,042,735; All. Vereinigte Stahlwerke A G. Method of avoiding coarse crystallization at the solidification of metallic castings. Issued 6-2-36. (28)
- 2,042,754; All. Vereinigte Stahlwerke A G. Pressing vehicle wheel. Issued 6-2-36. (28)
- 2,042,769; All. Schnellpressenfabrik A G. Inking apparatus for platen printing presses. Issued 6-2-36. (28)
- 2,042,896; Seikel Willi; Hofier Gregor et al. Potato planter. Issued 6-2-36. (28)
- 2,042,986; All. Brunsviga Maschinenwerke Grimme. Calculating machine. Issued 6-2-36. (28)
- 2,043,002; Lechler Wilhelm. Apparatus for neutralizing noxious organisms. Issued 6-2-36. (28)
- 2,043,066; All. I G Farbenindustrie A G. Production of coarsely crystalline ammonium sulphates. Issued 6-2-36. (28)
- 2,043,067; All. I G Farbenindustrie A G. Production of coarsely crystalline ammonium sulphate. Issued 6-2-36. (28)
- 2,043,068; All. I G Farbenindustrie A G. Production of coarsely crystalline ammonium sulphate. Issued 6-2-36. (28)
- 2,043,069; All. I G Farbenindustrie A G. Preparation of dyed filaments and films. Issued 6-2-36. (28)
- 2,043,119; Pruss Max. Sludge digestion tank. Issued 6-2-36. (28)
- 2,043,120; Roos Hermann; Punga Franklin et al. Cooling the inductors of....<sup>1</sup> Issued 6-2-36. (28)
- 2,043,129; All. Bahlsens H Keksfabrik A G. Device for ripping open paper envelopes. Issued 6-2-36. (28)
- 2,043,130; All. Norddeutsche Seekabelwerke A G. Method of manufacturing stranded conductors. Issued 6-2-36. (28)
- 2,043,139; All. Rosing Muhlen A G. Process for making baked goods for diabetics. Issued 6-2-36. (28)
- 2,043,183; Mauser Karl Wilhelm. Double walled vessel. Issued 6-2-36. (28)
- 2,043,212; All. I G Farbenindustrie A G. Welding. Issued 6-2-36. (28)
- 2,043,222; All. Jenaer Glaswerk Schott and Gen. Method of making ceramic objects. Issued 6-9-36. (28)
- 2,043,322; Galante Aldo. Automatic clutch. Issued 6-9-36. (38)
- 2,043,344; Alma Maximilian Dec; Alma Carl Egon et al. Continuous draft gear. Issued 6-9-36. (6)
- 2,043,416; Lueg Paul. Process of silencing sound oscillations. Issued 6-9-36. (28)
- 2,043,422; All. Elektrizitätsgesellschaft Sanitas. Diathermic apparatus for generating short or ultra short waves. Issued 6-9-36. (28)
- 2,043,486; Muller Erich. Free wheel mechanism and back pedal brake. Issued 6-9-36. (28)
- 2,043,503; Aschenborn Helmut. Device for producing plastic reproductions of corporeal forms. Issued 6-9-36. (28)
- 2,043,507; All. Gothaer Waggonfabrik A G. Means for transporting railway vehicles by road. Issued 6-9-36. (28)
- 2,043,520; All. Officina Mecannica St Andrea. Automatic lubricating device for the ring and the traveler in ring spinning or doubling frames or the like. Issued 6-9-36. (38)
- 2,043,534; All. Koepf and Co Chemische Fabrik A G. Process for preparing potassium formac. Issued 6-9-36. (28)
- 2,043,552; All. Kobe Seiko Sho Ltd. Spinning centrifugal motor arrangement. Issued 6-9-36. (39)
- 2,043,625; Lindner Herbert. Adjustment of the carriage of machine tools. Issued 6-9-36. (28)
- 2,043,631; All. Bereinigte Stahlwerke A G. Chromium aluminium steel adapted to be used for articles exposed to high temperatures. Issued 6-9-36. (28)
- 2,043,637; Von Littrow Hans et al; Zehl Franz Hermann. Power driven window cleaner. Issued 6-9-36. (28)
- 2,043,708; All. Bohme H Th A G. Process for producing aliphatic carbonyl compounds and alcohols. Issued 6-9-36. (28)
- 2,043,719; Telgmann Bernhard. Mechanically moved grate. Issued 6-9-36. (28)
- 2,043,722; Ziegner Heinrich. Process for producing filaments from a raw material which has been solidified by the action of solid liquid or gaseous media. Issued 6-9-36. (28)
- 2,043,733; Brasch Arno et al; Lange Fritz. High voltage vacuum discharge tube. Issued 6-9-36. (28)
- 2,043,891; Grave Otto. Piling. Issued 6-9-36. (28)
- 2,043,945; Beimann Wilhelm. Underfired coke oven. Issued 6-9-36. (28)
- 2,043,970; All. Letz Ernst GmbH. Enlargement apparatus with automatic focusing device. Issued 6-9-36. (28)
- 2,044,116; All. I G Farbenindustrie A G. Process for the separation of carbonic acid from gases containing the same. Issued 6-16-36. (28)
- 2,044,167; All. Bayerische Stickstoff Werke A G. Process of producing ammonium sulphate. Issued 6-16-36. (28)
- 2,044,275; All. Mpauser Werke A G. Method of and machine for effecting combined fastening and seam covering stitches. Issued 6-16-36. (28)
- 2,044,321; Nozawa Ichiro. Method of constructing arcuate structures with no staging. Issued 6-16-36. (39)
- 2,044,343; Angeloni Ernesto. Gyroscopic device. Issued 6-16-36. (38)
- 2,044,381; All. Goldbeck Heinrich. Lock with bolt operating mechanism remaining permanently in the case. Issued 6-16-36. (28)
- 2,044,450; Schol Carl H. Apparatus for blowing up liquid slag or melt into a highly porous mass of the character of pumice. Issued 6-16-36. (28)
- 2,044,528; Guhl Hermann. Process for producing Bunsen burners. Issued 6-16-36. (28)
- 2,044,531; All. Kaspar Getreideschalmaschine GmbH. Device for hulling and polishing cereals and podded grains. Issued 6-16-36. (28)
- 2,044,535; Luzzati Salvatore et al; Molinari Cesare. Wood tile for flooring and paneling. Issued 6-16-36. (38)
- 2,044,560; Barbareschi Carlo. Pump for gaseous fluids. Issued 6-16-36. (38)
- 2,044,640; Schuster Fritz. Pressing or treatment roller. Issued 6-16-36. (28)
- 2,044,691; Hoffinger Bruno. Device for collecting the blood at a certain part of the human body. Issued 6-16-36. (28)
- 2,044,692; Huhn Gustav. Packing for the shafts of steam turbines. Issued 6-16-36. (28)
- 2,044,844; Griesel Heinrich. Construction of buildings. Issued 6-23-36. (28)
- 2,044,852; All. Lorenz C A G. Electric indicator for comparing field intensities. Issued 6-23-36. (28)
- 2,045,058; All. Teves Alfred Maschinen Und Armatuivn. Grinding mill. Issued 6-23-36. (28)
- 2,045,062; Asahina Yasuhiko et al; Ishidate Morizo. Process for preparing D trans 11 oxo camphor from iso ketopinic acid. Issued 6-23-36. (39)
- 2,045,086; Kastner Alfred. Elastic clutch. Issued 6-23-36. (28)
- 2,045,122; Cases Armando Levi. Four stroke cycle engine with combined admission and exhaust valve gear. Issued 6-23-36. (38)
- 2,045,162; Petzoldt Karl. Jacquard machine. Issued 6-23-36. (28)
- 2,045,186; Honsel Fritz. Combined electrical and key operated lock. Issued 6-23-36. (38)
- 2,045,191; Kreidler Alfred. Gradometer. Issued 6-23-36. (28)
- 2,045,196; All. Krupp Germanlawerft A G Fried. Fuel injecting pump for internal combustion engines. Issued 6-23-36. (28)
- 2,045,202; All. Schlafhorst W Co. Cop winding machine. Issued 6-23-36. (28)
- 2,045,203; All. Kali Chemie A G. Decomposition of Engel salt. Issued 6-23-36. (28)
- 2,045,214; Coenning Ernst. Antiskid device. Issued 6-23-36. (28)
- 2,045,226; Goetz Carl. Process for extracting metals from ores. Issued 6-23-36. (28)
- 2,045,340; All. Anker Werke A G. Zigzag stitching machine. Issued 6-23-36. (28)
- 2,045,384; Gerb William. Method of producing insulating mats. Issued 6-23-36. (28)
- 2,045,501; All. Chemische Fabrik Florsheim Vorm. Colloidal graphite suspensions. Issued 6-23-36. (28)
- 2,045,521; De Hertelendy Andor. Wind direction indicator. Issued 6-23-36. (34)
- 2,045,639; All. Sachteben Fur Berghau Und. Process for the production of molten iron or steel by the direct method. Issued 6-30-36. (28)
- 2,045,729; All. Gross Ernst. Small electric motor. Issued 6-30-36. (28)
- ; All. Schloemann A G. Method of making tubes by extrusion. (28)
- 2,045,824; All. Maschinenfabrik Augsburg Nurnberg. Packing for movable dam structures. Issued 6-30-36. (28)
- 2,045,825; All. Maschinenfabrik Augsburg Nurnberg. Packing for movable dam structures. Issued 6-30-36. (28)
- 2,045,850; Grafe Viktor. Method for improving and refining victuals and table luxuries containing cellulose. Issued 6-30-36. (6)
- 2,045,872; All. Schlafhorst W Co. Winding machine. Issued 6-30-36. (28)
- 2,045,905; Futran Simon. Locking device for safety purposes. Issued 6-30-36. (28)
- 2,045,914; Ikeda Miyokichi. Water tube boiler having steam superheater interchangeable to feed preheater. Issued 6-30-36. (39)
- 2,045,949; Hatta Kiyonobu. Method of preparing meat. Issued 6-30-36. (39)
- 2,045,964; All. Berlin Karlsruher Industrie Werke. Casing projectile. Issued 6-30-36. (28)
- 2,046,002; Hunter Anna. Manicure appliance. Issued 6-30-36. (28)
- 2,046,008; Von Sauer Walter. Electric heating installation. Issued 6-30-36. (28)
- 2,046,013; All. Siemens Schuckertwerke A G. Tracer control for material working machines. Issued 6-30-36. (28)
- 2,046,039; Schaar Arnold. Textile article. Issued 6-30-36. (6)

<sup>1</sup> So in original document.



- 2,046,055; Breddin Heinrich. Apparatus for extracting drugs and the like. Issued 6-30-36. (28)
- 2,046,069; Greissinger Georg. Knee joint for artificial legs. Issued 6-30-36. (28)
- 2,046,072; All. Schubert & Salzer Maschinenfabrik. Selecting device. Issued 6-30-36. (28)
- 2,046,094; Schmidt Ferdinand. Permanent holder for catheters. Issued 6-30-36. (28)
- 2,046,113; Gerdt's Gustav Friedrich. Fluid flow indicator for steam traps. Issued 6-30-36. (28)
- 2,046,266; Huhn Gustav. Valve. Issued 6-30-36. (28)
- 2,046,279; Von Der Lahr Karl. Open hearth furnace. Issued 6-30-36. (28)
- 2,046,345; All. Hanseatische Mühlenwerke A G. Method of producing concentrated phytosterin containing products. Issued 7-7-36. (28)
- 2,046,392; Lesage Alfred. Two stroke combustion engine. Issued 7-7-36. (28)
- 2,046,426; Rausch Martin. Sheaf gatherer for mowing and binding machines. Issued 7-7-36. (28)
- 2,046,448; Buigne Gustav F De. Wheel for railway vehicles. Issued 7-7-36. (6)
- 2,046,523; All. Goldberg Richard. Firearm. Issued 7-7-36. (28)
- 2,046,524; All. Mercedes Buromaschinen Werke A G. Mechanism for typewriter calculating machines. Issued 7-7-36. (28)
- 2,046,538; Palumbo Manfredi. Screw propeller. Issued 7-7-36. (38)
- 2,046,541; All. Naturin GmbH. Device for producing artificial sausage skins from pasty fibrous masses of animal or vegetable origin. Issued 7-7-36. (28)
- 2,046,631; Janicke Hermann Junkers Hugo. Multistage free piston motor compressor. Issued 7-7-36. (28)
- 2,046,761; Andreas Arno. Bag filling spout. Issued 7-7-36. (28)
- 2,046,795; All. Chemische Fabrik Johann A Wulffing. Process for making compounds containing heavy metals and sulphhydryl groups from keratinates. Issued 7-7-36. (28)
- 2,046,946; All. Chemische Fabriken Dr. Joachim. Process for the production of diaminoalcohols of the aromatic series. Issued 7-7-36. (28)
- 2,046,947; All. Chemische Fabriken Dr. Joachim. Process for the production of diaminoalcohols of the aromatic series. Issued 7-7-36. (28)
- 2,046,971; Esch Wilhelm Schrumann Ernst et al. Process for the purification of asbestos. Issued 7-7-36. (28)
- 2,046,998; Boykow Johann Marla. Gyroscopic Pendulum. Issued 7-7-36. (28)
- 2,047,036; Schulz Paul. Motor driven linen pounder. Issued 7-7-36. (28)
- 2,047,037; Schwarz Alfred. Direction Indicator. Issued 7-7-36. (28)
- 2,047,070; Horner Erich. Device for photographic survey from aircraft. Issued 7-7-36. (28)
- 2,047,071; Huwyler Oswald. Draft regulator for locomotives. Issued 7-7-36. (6)
- 2,047,074; Knoller Erich. Mounting of aircraft guns. Issued 7-7-36. (6)
- 2,047,091; Amann Max et al. Double current telegraph installation. Issued 7-7-36. (28)
- 2,047,119; Storace Giovanni Battista. Road and like paving. Issued 7-7-36. (38)
- 2,047,121; Winterfeldt Franz. Air heater for indoor use. Issued 7-7-36. (28)
- 2,048,797; Kulle Paul. Soap. Issued 7-28-36. (28)
- 2,048,816; Roehrich Carl. Apparatus for the production of lens line screen films for color photography. Issued 7-28-36. (28)
- 2,048,821; All. I G Farbenindustrie A G. Manufacture of substituted acid amides. Issued 7-28-36. (28)
- 2,048,889; Panzer Bernhard. Boundary net for tennis courts and the like. Issued 7-28-36. (6)
- 2,048,945; Pascheka Alfred. Movable automobile front bumper. Issued 7-28-36. (28)
- 2,048,963; Nonaka Sueto. Parachute. Issued 7-28-36. (39)
- 2,048,970; All. Brehmer Gebrüder. Method of and mechanism for automatically severing the terminal threads of a stitched book. Issued 7-28-36. (28)
- 2,049,082; Sanger Jakob. Cuff link. Issued 7-28-36. (6)
- 2,049,088; Singer Franz. Construction of buildings. Issued 7-28-36. (6)
- 2,049,092; Sturm Erwin. Rotary piston engine especially for fluid gears. Issued 7-28-36. (28)
- 2,049,119; Home Hugo. Compensating device for motor vehicles. Issued 7-28-36. (28)
- 2,049,122; Kuba Franz. Gear for conveying rotary motion. Issued 7-28-36. (6)
- 2,049,126; All. Maybach Motorenbau GmbH. Claw coupling. Issued 7-28-36. (28)
- 2,049,127; All. Maybach Motorenbau GmbH. Claw coupling. Issued 7-28-36. (28)
- 2,049,142; Ungerer Fritz. Plate straightening machine. Issued 7-28-36. (28)
- 2,049,158; All. Wirtschaftsbedarf GmbH. Valve for steam cookers. Issued 7-28-36. (28)
- 2,049,202; All. Ringfeder GmbH. Ring rolling mill. Issued 7-28-36. (28)
- 2,049,208; Leistenschneider August. Magazine for lead pencils. Issued 7-28-36. (28)
- 2,049,260; Hase Rudolf. Pyrometer. Issued 7-28-36. (28)
- 2,049,272; Otto Carl. Regenerator with checkerwork for vertical flow of the gaseous media. Issued 7-28-36. (28)
- 2,049,374; Harter Ludwig. Elastic wheel for vehicles. Issued 7-28-36. (28)
- 2,049,396; All. I G Farbenindustrie A G. Process of preparing compositions containing wool grease naphthenates. Issued 7-28-36. (28)
- 2,049,481; Walterspiel Alfred. Symmetrical vertical roaster with air cooled drip pan. Issued 8-4-36. (28)
- 2,049,483; Dunnebler Max; Winkler Alfred et al. Machine for manufacture of window envelopes and like containers. Issued 8-4-36. (28)
- 2,049,544; Mucklich Max. Screw calk for horseshoes. Issued 8-4-36. (28)
- 2,049,564; Hintermeyer Willy. Keyboard for accompaniment for hand accordions and similar musical instruments. Issued 8-4-36. (28)
- 2,049,570; Schoene Kurt. Pump. Issued 8-4-36. (28)
- 2,049,629; All. Fernsh A G. Television receiving apparatus. Issued 8-4-36. (28)
- 2,049,694; All. I G Farbenindustrie A G. Photographic printing. Issued 8-4-36. (28)
- 2,049,752; Steinhart Ferdinand. Welding joint for wire cloth. Issued 8-4-36. (28)
- 2,049,765; Fischer Hellmuth. Luminescent glass and method of making same. Issued 8-4-36. (28)
- 2,049,797; All. Barmer Maschinenfabrik A G. Gear pump for artificial silk spinning machines. Issued 8-4-36. (28)
- 2,049,812; Loacker Albert. Device for drying containers internally. Issued 8-4-36. (6)
- 2,049,823; All. Krauss & Reichert. Cloth cutting machine. Issued 8-4-36. (28)
- 2,049,826; All. Wanderer Werke Vorm Winkhofer & Co. Carriage feeding device for typewriters. Issued 8-4-36. (28)
- 2,049,835; All. Pirelli S I. Method of joining fluid filled electric cables. Issued 8-4-36. (38)
- 2,049,869; Rohrs John Ernst. Button. Issued 8-4-36. (28)
- 2,049,880; Winkler Franz. Roller clutch for freewheel cycle hub. Issued 8-4-36. (28)
- 2,049,905; Gminder Emil. Method of drawing bast fiber roving. Issued 8-4-36. (28)
- 2,049,963; Lancia Vincenzo. Wheel mounting means for motor vehicles. Issued 8-4-36. (38)
- 2,049,965; Leistenschneider August. Lead pencil. Issued 8-4-36. (28)
- 2,050,004; All. Cohn Carl. Process for coating articles of food. Issued 8-4-36. (28)
- 2,050,017; All. Silurificio Whitehead Di Fiume S I. Course governor for dirigible crafts. Issued 8-4-36. (38)
- 2,050,100; Kopp Peter. Method and apparatus for the production of molded articles. Issued 8-4-36. (28)
- 2,050,131; All. Leo Scharf. Coin freed liquid dispensing apparatus. Issued 8-4-36. (6)
- 2,050,281; Dietrich Gabriele. Heating device for automobiles. Issued 8-11-36. (28)
- 2,050,370; All. I G Farbenindustrie A G. High molecular products containing sulphur in combination. Issued 8-11-36. (28)
- 2,050,417; Bocca Carlo. Method for superposing partial images of polychromatic selection and projecting them to obtain an image in natural colors. Issued 8-11-36. (38)
- 2,050,583; All. I G Farbenindustrie A G. Sulphurized aliphatic halogen compounds and process of making same. Issued 8-11-36. (28)
- 2,050,631; All. Schlayer Clotilde. Axial threshing and straw reducing machine. Issued 8-11-36. (28)
- 2,050,641; All. Vereinigte Stahlwerke A G. Disk wheel and process of producing the same. Issued 8-11-36. (28)
- 2,050,676; Thomas Ernst. Damper for stamps envelopes and the like. Issued 8-11-36. (28)
- 2,050,677; All. Waldschock Ottilie. Table. Issued 8-11-36. (28)
- 2,050,752; All. I G Farbenindustrie A G. Production of acrylic acid chloride. Issued 8-11-36. (28)
- 2,050,763; Rabeck Karl. Copying attachment for typewriters. Issued 8-11-36. (6)
- 2,050,777; All. Rotaprint A G. Office printing sheet. Issued 8-11-36. (28)
- 2,050,780; All. Wurker GmbH. Automatic mechanism for frame embroidery machines. Issued 8-11-36. (28)
- 2,050,796; Kerschbaum Friedrich Paul et al; Gooch Stapleton D. Recovery of phosphorus. Issued 8-11-36. (28)
- 2,050,799; Landau Robert. Closure cap. Issued 8-11-36. (6)
- 2,050,850; Krug Carl. Grinding Wheel. Issued 8-11-36. (28)
- 2,050,860; All. Siemens and Halske A G. Apparatus for projecting images on lenticulated films. Issued 8-11-36. (28)
- 2,050,919; Brauer Ernst. Ciphering machine. Issued 8-11-36. (28)
- 2,050,959; Normall Wulff Berzelius. Periodic absorption refrigerating apparatus. Issued 8-11-36. (28)
- 2,050,960; Olivetti Camillo. Sliding surface or guide for rollers or balls in machine parts. Issued 8-11-36. (38)
- 2,051,061; Tonnies Hans Ferdinand. Exposure apparatus for cameras. Issued 8-18-36. (28)
- 2,051,078; Drechsel Armin. Motor car without rotary swinging movement. Issued 8-18-36. (28)
- 2,051,109; Silbermann Eugen. Gas turbine. Issued 8-18-36. (57)
- 2,051,174; Levigard Martin. Clip. Issued 8-18-36. (28)
- 2,051,416; All. Hermann Tschentschel. Double collar. Issued 8-18-36. (28)
- 2,051,440; Eicken Hermann. Device for atomizing powder. Issued 8-18-36. (28)
- 2,051,472; All. Gustav Ganz & Co. Discharge tube. Issued 8-18-36. (6)

- 2,051,510; Dunnebier Max Winkler Alfred et al. Mechanism for the manufacture of envelopes with pasted in windows. Issued 8-18-36. (28)
- 2,051,657; Stibel Theodor. Electrically heated water reservoir. Issued 8-18-36. (28)
- 2,051,658; Stibel Theodor. Electrically heated hot water reservoir. Issued 8-18-36. (28)
- 2,051,663; Werth Friedrich. Process of obtaining perforations in metal. Issued 8-18-36. (28)
- 2,051,709; All. Krafft & Weichardt. Landing sail side beam. Issued 8-18-36. (28)
- 2,051,718; Voigt Richard Kaltenbach Alois et al. Angle piece for dental purposes. Issued 8-18-36. (28)
- 2,051,749; Schmid Max. Mechanical toy. Issued 8-18-36. (28)
- 2,051,756; Tolk Anton. Compression refrigerating machine. Issued 8-18-36. (6)
- 2,051,779; All. Pfenning Schumacher Werke GmbH. Process for the production of casein powder adapted to be molded directly. Issued 8-18-36. (28)
- 2,051,821; Christiansen Heinrich. Power operated shunting gear for rolling stock. Issued 8-25-36. (28)
- 2,051,836; All. Telefunken Ges Fur Drahtlose. Quartz crystal oscillator. Issued 10-1-35. (28)
- 2,051,897; Ritzerfeld Wilhelm. Manifold apparatus for printing from mirror script originals on premoistened sheets or the like. Issued 8-25-36. (28)
- 2,051,937; All. Vereinigte Stahlwerke Aktiengesel. Steel alloy rivet. Issued 8-25-36. (28)
- 2,051,947; Hunsdiecker Heinz et al; Vogt Egon. Wetting cleansing and emulsifying agents method of producing the same. Issued 8-25-36. (28)
- 2,051,951; Krauss Ferdinand et al; Kopke Adolph. Process and apparatus for producing hydrogen peroxide. Issued 8-25-36. (28)
- 2,051,955; Lieberknecht Karl Richard. Device for actuating the thread guide of flat knitting machines. Issued 8-25-36. (28)
- 2,051,967; Toyonaka Cho Seizo Saito et al; Yamamoto Nobutaka. Brake apparatus for wheels. Issued 8-25-36. (39)
- 2,051,968; Toyonaka Cho Seizo Saito et al; Yamamoto Nobutaka. Brake apparatus for wheels. Issued 8-25-36. (39)
- 2,052,000; All. I G Farbenindustrie A G. Lacquer. Issued 8-25-36. (28)
- 2,052,073; All. I G Farbenindustrie A G. Process for the manufacture of new conversion products from natural resins and esters thereof. Issued 8-25-36. (28)
- 2,052,086; Dornier Claude. Flying machine. Issued 8-25-36. (28)
- 2,052,158; Zink Josef. Cartridge for separately storing components of dental amalgams. Issued 8-25-36. (28)
- 2,052,206; Beisser Georg Dec. Method of preserving substances of animal origin. Issued 8-25-36. (28)
- 2,052,207; Berberich Willi. Loose leaf book. Issued 8-25-36. (28)
- 2,052,215; All. Neufeld M & Co. Process for producing a soya flour with changed flavor and the product thereof. Issued 8-25-36. (28)
- 2,052,222; Ebert Fritz. Folding attachment for sewing machines. Issued 8-25-36. (28)
- 2,052,228; Horn Ernst. Track for toy vehicles. Issued 8-25-36. (28)
- 2,052,266; Wieneke Hans. Reproducing crayon. Issued 8-25-36. (28)
- 2,052,291; All. Greif Werke Vorm Deutsche. Manufacture of stencil sheets. Issued 8-25-36. (28)
- 2,052,342; Fauser Felice Dornig Mario et al. Shaft coupling device. Issued 8-25-36. (38)
- 2,052,349; All. Elektrizitätsgesellschaft Sanitas. Apparatus for hair waving and curling. Issued 8-25-36. (28)
- 2,052,352; All. Elektrizitätsgesellschaft Sanitas. Hair waving apparatus. Issued 8-25-36. (28)
- 2,052,353; All. Elektrizitätsgesellschaft Sanitas. Hair waving apparatus. Issued 8-25-36. (28)
- 2,052,361; All. Soc Italiana Pirelli. Manufacture of elastic rubber thread cord strip and the like. Issued 8-25-36. (38)
- 2,052,467; Herman Rudolf. Wire sifting screen. Issued 8-25-36. (28)
- 2,052,597; All. Mix and Genest A G. Tubular conveyer system. Issued 9-1-36. (28)
- 2,052,599; Bolter Wilhelm. Cloth feeder. Issued 9-1-36. (28)
- 2,052,615; Foellmer Johannes. Device for inserting tabs in piles of sheets. Issued 9-1-36. (28)
- 2,052,632; All. Brehmer Gebruder. Sheet separating. Issued 9-1-36. (28)
- 2,052,636; Lesage Alfred. Elastic fastening appliance for outboard motors. Issued 9-1-36. (28)
- 2,052,656; Prien Otto Carl. Massage machine. Issued 9-1-36. (28)
- 2,052,693; Bredtschneider Kurt. Lock for the release of erosive fluids under pressure. Issued 9-1-36. (28)
- 2,052,713; Juffa Wilhelm. Reducing piece for standard ground surfaces. Issued 9-1-36. (28)
- 2,052,773; Junghans Helmut. Process for fabricating metal bobbins for automatic looms. Issued 9-1-36. (28)
- 2,052,815; All. Demag A G. Control gearing. Issued 9-1-36. (28)
- 2,052,820; All. Karke Hans. Envelope moistening device. Issued 9-1-36. (28)
- 2,052,836; Lowy Rudolf. Brush especially for massage purposes. Issued 9-1-36. (6)
- 2,052,856; All. Liesen and Co. Steam generator. Issued 9-1-36. (28)
- 2,052,861; All. Anker Werke A G. Book-keeping machine. Issued 9-1-36. (28)
- 2,052,895; All. Schlafhorst W and Co. Creeling winding frame. Issued 9-1-36. (28)
- 2,052,904; All. Nestler Albert A G. Drawing machine. Issued 9-1-36. (28)
- 2,052,920; Icaro Nikodem. Process of producing calcium cyanamide. Issued 9-1-36. (28)
- 2,053,011; Schulz Hans Isaac et al. Appel Julius. Protective cellulose foil. Issued 9-1-36. (28)
- 2,053,021; All. Moneta Gemma Barelli. Apparatus for filtration of infusions. Issued 9-1-36. (38)
- 2,053,031; Hessenland Max et al; Splitter Hans; Kublun Helmut. Method of producing resin from trees. Issued 9-1-36. (28)
- 2,053,089; Kuppenbender Heinz. Photographic camera. Issued 9-1-36. (28)
- 2,053,108; Rabald Willy. Talking machine for recording and reproduction. Issued 9-1-36. (28)
- 2,053,149; Johannsen Friedrich. Process of producing iron alloys. Issued 9-1-36. (28)
- 2,053,249; All. Grillo Wilhelm. Process of treating zinc oxide. Issued 9-1-36. (28)
- 2,053,258; Axien Leo. Shaving implement. Issued 9-8-36. (28)
- 2,053,302; Yamamoto Nobutaka; Saito Seizo et al. Brake apparatus for a wheel. Issued 9-8-36. (39)
- 2,053,392; Chailier Mario. Metal cutting tool. Issued 9-8-36. (38)
- 2,053,396; All. I G Farbenindustrie AKG. Reproduction of sound. Issued 9-8-36. (28)
- 2,053,524; Heegner Kurt. Crystal oscillator. Issued 9-8-36. (28)
- 2,053,525; Keiser Karl. Regeneration of photographic fixing baths. Issued 9-8-36. (28)
- 2,053,572; Moster Fritz. Guide and feed device on sewing machines. Issued 9-8-36. (28)
- 2,053,573; Mueller Wilhelm. Regenerative compound coke ovens. Issued 9-8-36. (28)
- 2,053,683; Schlumbohm Peter. Cooling system. Issued 9-8-36. (28)
- 2,053,684; Schlumbohm Peter. Method of cooling. Issued 9-8-36. (28)
- 2,053,694; All. Rhein Schelde Ges Fur. Universal rolling mill. Issued 9-8-36. (28)
- 2,053,696; Capponi Amato. Mine laying submarine. Issued 9-8-36. (38)
- 2,053,728; Mienes Karl. Surgical bandage. Issued 9-8-36. (28)
- 2,053,758; Zschernitz Hans. Device for waving and doubling over the edge of crepe paper for decorative purposes. Issued 9-8-36. (28)
- 2,053,760; Monti Gaetano; Bedeschi Gaetano et al. Process and apparatus for registering and reproducing sounds. Issued 9-8-36. (38)
- 2,053,844; Schlumbohm Peter. Bottle cooling apparatus. Issued 9-8-36. (28)
- 2,053,846; All. Vereinigte Stahlwerke AG. Article made from steel and cast iron with reduced tendency to corrode. Issued 9-8-36. (28)
- 2,054,005; Scharfenberg Karl. Car coupler. Issued 9-8-36. (28)
- 2,054,287; All. Kupfer Asbest Co. Safety razor. Issued 9-15-36. (28)
- 2,054,329; Kurtosy Laszlo. Friction shock absorbing device. Issued 9-15-36. (34)
- 2,054,370; Gross Fritz. Apparatus for making conical tubular bodies. Issued 9-15-36. (28)
- 2,054,379; Hubner Frieda nee Hildebrandt. Holding device for collar studs. Issued 9-15-36. (28)
- 2,054,389; All. I G Farbenindustrie A G. Protecting of light metals. Issued 9-15-36. (28)
- 2,054,418; All. Kupfer Asbest Co. Safety razor. Issued 9-15-36. (28)
- 2,054,444; All. Dynamit A G Vormals Alfred Nobel. Process for the production of resin impregnated cellulosic material and the products obtainable thereby. Issued 9-15-36. (28)
- 2,054,498; Ebert Fritz. Overcasting sewing machine. Issued 9-15-36. (28)
- 2,054,500; Grapengeter Ernst Heinrich Christian. Process for treatment of foodstuffs. Issued 9-15-36. (28)
- 2,054,505; Laessker Fritz. Clamp on paper cutting machine. Issued 9-15-36. (28)
- 2,054,657; All. Siemens & Halske A G. Automatic selective fading control circuits. Issued 9-15-36. (28)
- 2,054,658; All. Telefunken Ges fur Drahtlose. Temperature regulating system. Issued 9-15-36. (28)
- 2,054,707; Naruse Tomisaburo. Process of manufacturing inside frosted bulbs. Issued 9-15-36. (39)
- 2,054,710; Okada Jiro. Low temperature liquid pump. Issued 9-15-36. (39)
- 2,054,714; Reich Ernest. Cooking equipment. Issued 9-15-36. (34)
- 2,054,763; Wulf Gerhard. Printing of paper or textile strips. Issued 9-15-36. (28)
- 2,054,851; Haage Konrad; Dornfeld Reinhold et al. Power ram. Issued 9-22-36. (28)
- 2,054,885; All. Drager Otto Heinrich. Method of detecting the presence of mustard gas yperite. Issued 9-22-36. (28)
- 2,054,890; All. Drager Bernhard. Purifying device. Issued 9-22-36. (57)
- 2,054,891; Zimmermann Emil Benno. Adjustable piece of furniture for printing composing and the like. Issued 9-22-36. (28)



- 2,054,900; All. Friedmann Alex Firm. Safety device for fluid brakes. Issued 9-22-36. (6)
- 2,054,903; All. I G Farbenindustrie A G. Polymerization product. Issued 9-22-36. (28)
- 2,054,912; Riebe August. Journal bearing. Issued 9-22-36. (28)
- 2,055,051; Sandt Julius. Stamping machine with movable stamp carriage for leather and like soft materials. Issued 9-22-36. (28)
- 2,055,069; All. I G Farbenindustrie A G. Photographic printing. Issued 9-22-36. (28)
- 2,055,087; Reineke Josef Heinrich. Automatic regulator. Issued 9-22-36. (28)
- 2,055,111; All. Demag A G. Excavator. Issued 9-22-36. (28)
- 2,055,156; Nakashima Tomomasa et al; Takayanagi Kenjiro. Amplifying system for television. Issued 9-22-36. (39)
- 2,055,162; Weber Friedrich August. Chamber or tower filled with filling material. Issued 9-22-36. (28)
- 2,055,192; All. Maschinenfabrik Augsburg Nuernberg. Weir. Issued 9-22-36. (28)
- 2,055,196; All. Voith J M. Hydraulic machine. Issued 9-22-36. (28)
- 2,055,231; All. Leitz Ernst Optische Werke GmbH. Electrooptical testing device for timepieces. Issued 9-22-36. (28)
- 2,055,235; All. Leitz Ernst Optische Werke. Photographic enlargement apparatus. Issued 9-22-36. (28)
- 2,055,236; All. Leitz Ernst Optische Werke. Photographic enlargement apparatus. Issued 9-22-36. (28)
- 2,055,259; Nagasaki Gennosuke. Steering wheel made of bended wood. Issued 9-22-36. (39)
- 2,055,264; Schottle Robert. Vacuum cleaner. Issued 9-22-36. (28)
- 2,055,286; Gerolami Ermanno et al; Arata Silvio. Salvage device for submarines. Issued 9-22-36. (38)
- 2,055,287; Giraud Carlo. Separating emptying cleaning device for liquid containing pipings. Issued 9-22-36. (38)
- 2,055,413; All. Deutsche Perrot Bremse GmbH. Brake. Issued 9-22-36. (28)
- 2,055,487; Geoffcken Heinrich H et al; Richter Hans R. Photoelectric tube. Issued 9-29-36. (28)
- 2,055,553; Nicolet Walther. Method and means for ribbon weaving. Issued 9-29-36. (28)
- 2,055,578; All. Bosch Robert A G. Fuel supply and regulating system for internal combusting engines. Issued 9-29-36. (28)
- 2,055,583; Neber Peter Wilhelm. Method of preparing cyclic 1 2 amino ketones. Issued 9-29-36. (28)
- 2,055,584; All. Sueddeutsche Telefon Apparat. Light valve. Issued 9-29-36. (28)
- 2,055,591; All. Englebert Sally. Method of producing oscillations of high frequency. Issued 9-29-36. (28)
- 2,055,595; Surjaninoff Maria. Winding for electric machines. Issued 9-29-36. (6)
- 2,055,611; Nakashima Tomomasa et al; Takayanagi Kenjiro. Saw tooth wave form current and voltage generating device. Issued 9-29-36. (39)
- 2,055,620; Boehme Gustav. Toy airplane. Issued 9-29-36. (28)
- 2,055,669; Normelli Wulff Berzelius. Intermittently operating absorption. Issued 9-29-36. (28)
- 2,055,689; With calculating machines<sup>1</sup> refrigerator.<sup>1</sup> All. Petzholdt J S.<sup>1</sup> and granular masses.<sup>1</sup> Machine for working liquid pulverulen.<sup>1</sup> Issued 9-29-36. (28)
- 2,055,732; Schertel Ludwig. Process of recovering tin. Issued 9-29-36. (28)
- 2,055,827; Palazzo Francesco Carlo et al; Palazzo Fortunato. Process for bleaching refining and cottonizing raw cellulose. Issued 9-29-36. (38)
- 2,055,884; Theiler Ewald. Glass molding machine. Issued 9-29-36. (28)
- 2,055,944; All. Transforma A G. Device for producing die castings from metal alloys in which the material to be pressed is forced from a pressure chamber under a high pressure into a permanent mold. Issued 9-29-36. (6)
- 2,055,952; Summa Hans Bobbin. Issued 9-29-36. (28)
- 2,055,955; Wagenbach Anton. Bending machine. Issued 9-29-36. (28)
- 2,056,159; Albrecht Ernst. Machine for cleaning the matrices of typesetting machines. Issued 10-6-36. (28)
- 2,056,336; All. Joachimcyk Martin. Envelope making machine. Issued 10-6-36. (28)
- 2,056,354; Horn Erhard. Rate of climb indicator. Issued 10-6-36. (28)
- 2,056,370; Rosenberg Egon et al; Happel Paul. Device for radioactive impregnation of materials. Issued 10-6-36. (28)
- 2,056,373; Steinmetz Michel. Horseshoe. Issued 10-6-36. (28)
- 2,056,378; Weigel Walter. Talking machine. Issued 10-6-36. (28)
- 2,056,397; Gruner Anton. Shuffling device for playing cards. Issued 10-6-36. (28)
- 2,056,434; Muller Eugen Ludwig. Lubricating apparatus. Issued 10-6-36. (28)
- 2,056,440; All. Fiat S A. All metal automobile door. Issued 10-6-36. (38)
- 2,056,441; Ishidate Morizo; Asahina Yasuhiko et al. Process for preparing optically active trans pi hydroxycamphor from optically active alpha pi trans dihalogen camphor. Issued 10-6-36. (39)
- 2,056,444; Brigen Hans. Roof glazing structure. Issued 10-6-36. (6)
- 2,056,470; Kraft Anton. Rope making machine. Issued 10-6-36. (28)
- 2,056,504; Conradt Friedrich. Wind instrument. Issued 10-6-36. (28)
- 2,056,570; Elia Giovanni Emanuele. Submarine barrier. Issued 10-6-36. (38)
- 2,056,573; Gollner Richard. Device for the regulation of the -----<sup>1</sup> in funnels. Issued 10-6-36. (28)
- 2,056,585; All. Auto Union A G. Motor car. Issued 10-6-36. (28)
- 2,056,591; All. Vereinigte Stahlwerke AG. Articles with reduced tendency to corrode. Issued 10-6-36. (28)
- 2,056,595; All. Naturin GmbH. Method for working up fibrous material from hides. Issued 10-6-36. (28)
- 2,056,596; All. Freudenberg Carl GmbH. Process for the manufacture of shaped products. Issued 10-6-36. (28)
- 2,056,603; Eirich Ludwig et al; Eirich Joseph. Rotary closure for orifices. Issued 10-6-36. (28)
- 2,056,611; Loewe Bernard. Method of reeling off silk cocoons. Issued 10-6-36. (38)
- 2,056,708; Boecker Gustav. Process of producing hard metal alloys. Issued 10-6-36. (28)
- 2,056,746; Strupp Ernst. Method for carbonization of all kinds of pulp waste lyes. Issued 10-6-36. (28)
- 2,056,937; All. Singer Alexander. Dry masonry. Issued 10-13-36. (6)
- 2,057,232; All. Possehl S Apparatebau und. Process of activating bleaching clays. Issued 10-13-36. (28)
- 2,057,282; All. Ruhrchemie A G. Production of hydrocyanic acid. Issued 10-13-36. (28)
- 2,057,306; Koppelman Alfred; Martin Friedrich et al; Grimme Walter. Aluminum catalyst. Issued 10-13-36. (28)
- 2,057,310; Priellpp Walther. Metal pile. Issued 10-13-36. (28)
- 2,057,313; Richter Arthur. Textile machinery. Issued 10-13-36. (28)
- 2,057,396; Seidel Julius Richard. Massage device. Issued 10-13-36. (28)
- 2,057,415; Capo Edoardo. Wheel for road and rail transport. Issued 10-13-36. (38)
- 2,057,416; Castellazzi Giacomo Arturo. Steam heating plant. Issued 10-13-36. (38)
- 2,057,427; Giordani Aldo et al; Giordani Aronne. Retarded electric interrupter and switch. Issued 10-13-36. (38)
- 2,057,524; Herzbruch Hugo. Wall construction for tunnels shafts and pipe. Issued 10-13-36. (28)
- 2,057,567; Fries Franz. Sewage sludge digester. Issued 10-13-36. (28)
- 2,057,663; Mathee Albert. Rail joint. Issued 10-20-36. (28)
- 2,057,745; Scheyer Sophie et al; Arcari Sandro. Liquid container. Issued 10-20-36. (28)
- 2,057,800; All. Flaschengas Gerate GmbH. Receptacle for liquefied gases. Issued 10-20-36. (28)
- 2,057,822; Drechsel Fritz. Finishing textile material. Issued 10-20-36. (28)
- 2,057,835; Khuner Ulrich; Karajan Wolfgang et al. Device for measuring the thickness of sheet metal and metal foil. Issued 10-20-36. (6)
- 2,057,910; All. Demag A G. Grab. Issued 10-20-36. (28)
- 2,057,919; Roll Josef. Method of influencing the chemical and physical properties of blast furnace slags. Issued 10-20-36. (28)
- 2,057,921; Santoni Ermenegildo. Photogrammetric restitution apparatus. Issued 10-20-36. (38)
- 2,057,929; Stiegler Gerhard. Stocking. Issued 10-20-36. (28)
- 2,057,955; Kahn Myrtil. Rails for vehicles running on rails. Issued 10-20-36. (28)
- 2,057,956; Kaselitz Oskar. Production of monocalcium phosphate. Issued 10-20-36. (28)
- 2,057,957; Kaselitz Oskar. Production of potassium nitrate. Issued 10-20-36. (28)
- 2,057,971; All. Uhde Friedrich Ingenieur Buro. Method of hydrogenating carbonaceous materials. Issued 10-20-36. (28)
- 2,057,996; All. Uhde Friedrich. Method for reducing organic substances. Issued 10-20-36. (28)
- 2,058,006; Dornbusch Paul. Leather printing and tipping machine. Issued 10-20-36. (28)
- 2,058,007; All. Ringfeder GmbH. Production of preliminary shaped annular blanks. Issued 10-20-36. (28)
- 2,058,019; All. Kanegafuchi Boseki Kabushiki Kaisha. Method of extracting a sweet ingredient from glycyrrhiza glabra linn. Issued 10-20-36. (39)
- 2,058,053; Beyschowetz Josef. Mosquitoproof retreat. Issued 10-20-36. (6)
- 2,058,095; Nakanishi Kinsaku. Pattern mechanism for looms. Issued 10-20-36. (39)
- 2,058,096; All. Telefonograf Patentverwertungs. Means for automatically recording and reproducing telephonic messages. Issued 10-20-36. (6)
- 2,058,105; Pohl Ernst. Rontgen tube. Issued 10-20-36. (28)
- 2,058,312; Hengel Karl. Electrical advertising device. Issued 10-20-36. (28)
- 2,058,367; Steiner Max. Shirt. Issued 10-20-36. (6)
- 2,058,399; All. Lorenz C AG. Electromagnetic talking machine. Issued 10-27-36. (28)
- 2,058,402; All. Dortmund Hoerder Huttenverein A G. Dolphin. Issued 10-27-36. (28)
- 2,058,459; All. Maschinenfabrik Augsburg. Collecting and purifying device for a waterless gasholder. Issued 10-27-36. (28)
- 2,058,672; All. Messer and Co GmbH. Portable blower apparatus. Issued 10-27-36. (28)
- 2,058,746; All. Mauser Werke A G. Quick firing pistol. Issued 10-27-36. (28)
- 2,058,782; Feilkas Heinrich. High speed planing machine with hydraulic ram drive. Issued 10-27-36. (28)

<sup>1</sup> So in original document.

- 2,058,825; Rallet Dumitru et al.; Keller Franz. Deparaffinator. Issued 10-27-36. (57)
- 2,058,856; Diehl Ferdinand. Doll for the manufacture of films. Issued 10-27-36. (28)
- 2,058,930; Wichmann Johann. Means for attaching a door handle or knob. Issued 10-27-36. (28)
- 2,058,955; All. Gothaer Waggonfabrik A G. Appliance for the transport of railway cars on streets. Issued 10-27-36. (28)
- 2,059,032; Risdorfer Odon. Exposure control ling device for automatic stitching machines. Issued 10-27-36. (28)
- 2,058,032; Risdorfer Odon. Exposure control for photographic apparatus. Issued 10-27-36. (34)
- 2,059,055; All. Norddeutsche Seekabelwerke A G. Submarine cable. Issued 10-27-36. (28)
- 2,059,116; All. I G Farbenindustrie A G. Process for producing fine grained precipitates. Issued 10-27-36. (28)
- 2,059,149; Schilde Friedrich Wilhelm Ludwig. Cellulose digester. Issued 10-27-36. (6)
- 2,059,155; Thoma Hans. Hydraulic Transmission. Issued 10-27-36. (28)
- 2,059,323; All. I G Farbenindustrie A G. Color photography. Issued 11-3-36. (28)
- 2,059,375; Loimann Anton. Operating mechanism for the thread carrier rails of flat framework knitting machines. Issued 11-3-36. (28)
- 2,059,462; All. Kali Chemie A G. Hexamethylenetetramine compound and the process of producing the same. Issued 11-3-36. (28)
- 2,059,471; All. Maschinenfabrik Augsburg Nurnberg. Locomotive. Issued 11-3-36. (28)
- 2,059,488; Prikel Gottfried. Electrical contact device. Issued 11-3-36. (57)
- 2,059,537; All. Europa Schreibmaschinen A G. Power driven typewriting machine. Issued 11-3-36. (28)
- 2,059,574; All. A G Vorm Seidel & Naumann. Key lever mounting for typewriting machines. Issued 11-3-36. (28)
- 2,059,606; All. Tschentschel Hermann. Apparatus for shaping double collars. Issued 11-3-36. (28)
- 2,059,623; Braach Paul. Means for heating liquids. Issued 11-3-36. (28)
- 2,059,638; All. Junker & Ruh A G. Liquid fuel burner. Issued 11-3-36. (28)
- 2,059,642; Kankelwitz Bruno. Process for manufacturing photographic silver halide developing emulsions durably free from grey and yellow fogging and of durable quality. Issued 11-3-36. (28)
- 2,059,652; All. Mercedes Buromaschinen Werke A G. Key canceling arrangement for calculating machines. Issued 11-3-36. (28)
- 2,059,659; All. Wurker GmbH. Driving device for textile machines. Issued 11-3-36. (28)
- 2,059,778; All. I G Farbenindustrie A G. Mortars or binders containing caoutchouc and process of preparing same. Issued 11-3-36. (28)
- 2,059,811; All. Fissan Export Co; Julius Bloch SFYN. Composition of matter for use as a vehicle for other substances and a process of producing the same. Issued 11-3-36. (28)
- 2,059,814; All. Buttner Werke A G. Sifting device. Issued 11-3-36. (28)
- 2,059,893; All. Krupp Fried A G. Manufacture of articles from steel alloys. Issued 11-3-36. (28)
- 2,059,946; All. Schmidt Sche Heissdampf GmbH. Apparatus for the generation of steam. Issued 11-3-36. (28)
- 2,060,125; Samuel Max. Bottle provided with combined drinking and measuring vessel. Issued 11-10-36. (28)
- 2,060,161; Altmann Hans Peter. Device for frightening animals. Issued 11-10-36. (28)
- 2,060,304; Grummer Heinrich. Filler. Issued 11-10-36. (28)
- 2,060,371; Hilgers Carl Josef. Selecting and calling device for automatic telephone apparatus. Issued 11-10-36. (28)
- 2,060,374; Huhn Gustav. Packing for the shafts of high pressure steam turbines. Issued 11-10-36. (28)
- 2,060,375; Ishimura Lyuho S. Making lead powder. Issued 11-10-36. (38)
- 2,060,396; Klein Otto. Machine for grinding valves of the mushroom or poppet type. Issued 11-10-36. (28)
- 2,060,410; All. I G Farbenindustrie A G. Synthetic resins. Issued 11-10-36. (28)
- 2,060,476; Uebing Heinrich. Screw down for rolling mills. Issued 11-10-36. (28)
- 2,060,591; All. Klonne Aug. Gasholder of the waterless type. Issued 11-10-36. (28)
- 2,060,593; All. Bauer & Schaurte. Metal element and method of making the same. Issued 11-10-36. (28)
- 2,060,625; All. I G Farbenindustrie A G. Process of preparing self-hardening compositions and products obtainable thereby. Issued 11-10-36. (28)
- 2,060,644; Steibel Theodor. Electric immersion heater. Issued 11-10-36. (28)
- 2,061,172; Schwabe Hermann J. Dimming device. Issued 11-17-36. (28)
- 2,061,182; All. Rochling Robert. Method for the production of a photographic exposure material for color screen pictures. Issued 11-17-36. (28)
- 2,061,341; All. Von Eatscher Latka Eric. Slug shooting attachment for machine guns. Issued 11-17-36. (6)
- 2,061,364; Luedtke Hans. Design of keyboards or fields of sounding bodies. Issued 11-17-36. (28)
- 2,061,370; Rohn Wilhelm. Heat resisting article. Issued 11-17-36. (28)
- 2,061,421; Friedrich Paul. Button fastening device. Issued 11-17-36. (28)
- 2,061,507; Dallenbach Walter. Electric discharge apparatus. Issued 11-17-36. (28)
- 2,061,701; Gmeinder Anton. Clutch control mechanism. Issued 11-24-36. (28)
- 2,061,778; All. Klingelberg Sohne; W Ferd. Compensating mechanism for thread cutting machines. Issued 11-24-36. (28)
- 2,061,786; Vollmann Eduard. Tobacco pipe. Issued 11-24-36. (28)
- 2,061,861; All. Vereinigte Stahlwerke A G. Process for the production of iron sleepers. Issued 11-24-36. (28)
- 2,061,880; All. Universelle Cigarettenmaschinen. Apparatus for applying the wrapper to the end of a cigar filler. Issued 11-24-36. (28)
- 2,061,917; Muller Ignaz. Liquid measuring apparatus. Issued 11-24-36. (6)
- 2,061,967; Meyer Jagenberg Gunther. Method and apparatus for forming container closures. Issued 11-24-36. (28)
- 2,062,000; Garelli Adalberto. Governor for reciprocating engines. Issued 11-24-36. (38)
- 2,062,046; Arnold Karl. Mechanical toy. Issued 11-24-36. (28)
- 2,062,081; All. Rutgerswerke A G. Wooden plug. Issued 11-24-36. (28)
- 2,062,158; Berlowitz Max. Portable air conditioning apparatus. Issued 11-24-36. (28)
- 2,062,221; All. Schubert & Salzer Maschinenfabrik. Method of knitting. Issued 11-24-36. (28)
- 2,062,222; All. Schubert & Salzer Maschinenfabrik. Auxiliary presser. Issued 11-24-36. (28)
- 2,062,223; All. Schubert & Salzer Maschinenfabrik. Device for limiting the movements of thread guide bars. Issued 11-24-36. (28)
- 2,062,224; All. Schubert & Salzer Maschinenfabrik. Clock attachment for flat knitting. Issued 11-24-36. (28)
- 2,062,228; All. Schliesische Spiegelglas Manufaktur. Method and device for producing single layered wire glass. Issued 11-24-36. (28)
- 2,062,236; All. Wanderer Werke Vorm Winkhofer & Typewriting Machine. Issued 11-24-36. (28)
- 2,062,488; Von Hazslinszky Ladislaus et al; Von Lukacs Georg; 1/2 Lanc Josef. Device for automatically controlling the toothed wheel change gear of motor vehicles. Issued 12-1-36. (34)
- 2,062,490; Arnold Karl. Gyration toy. Issued 12-1-36. (28)
- 2,062,496; Brokel Otto. Carburetor. Issued 12-1-36. (28)
- 2,062,508; Faber Ernst. Vacuum cleaner nozzle. Issued 12-1-36. (28)
- 2,062,635; All. Maschinenfabrik Augsburg. Lifting bridge. Issued 12-1-36. (28)
- 2,062,647; Fuchs Gottfried et al; Spath Hermann. Machine for the electric welding of the feet of knitting machine needles. Issued 12-1-36. (28)
- 2,062,648; Geldner Wilhelm. Holder for yarn spools and the like. Issued 12-1-36. (28)
- 2,062,651; Hennig Albert. Refrigerator. Issued 12-1-36. (28)
- 2,062,667; Kondo Heizaburo et al; Ikawa Shunichi, Kobayashi Yoshito. Method of preparing pseudobutalain. Issued 12-1-36. (39)
- 2,062,668; Krauss Friedrich Emil. Washing machine. Issued 12-1-36. (28)
- 2,062,689; All. Herbolt Kricheldorf & Bruser. Fruit Dicing Machine. Issued 12-1-36. (28)
- 2,062,723; Nacken Walther. Multiple wire drawing machine. Issued 12-1-36. (28)
- 2,062,804; Braga Luigi Filippo. Automatic governor for motors responsive to the resistant torque. Issued 12-1-36. (38)
- 2,062,910; All. Vereinigte Stahlwerke A G. Process for the manufacture of thin walled light containers. Issued 12-1-36. (28)
- 2,062,914; All. Steatit Magnesia A G. Magnesium silicate electrical insulating composition. Issued 12-1-36. (28)
- 2,062,923; Nagy Pal Sandor. Infinitely variable transmission. Issued 12-1-36. (34)
- 2,062,938; All. Gross Ernst. Permanent magnet for small electrical machines. Issued 12-1-36. (28)
- 2,062,966; Buchholtz Herbert. Rivet of high grade steel. Issued 12-1-36. (28)
- 2,063,142; All. Dortmund Hoerder Huttenverein A G. Pile. Issued 12-8-36. (28)
- 2,063,146; All. Vereinigte Stahlwerke A G. Pile. Issued 12-8-36. (28)
- 2,063,150; All. Conrady C. Trolley system. Issued 12-8-36. (28)
- 2,063,159; Groove Egbert. Constructional element for building. Issued 12-8-36. (28)
- 2,063,163; Botticher Reinhold; Hessenland Max et al. Method of obtaining resin from trees. Issued 12-8-36. (28)
- 2,063,164; All. Pintsch Julius A G. Reversing mechanism for dry gas meters. Issued 12-8-36. (28)
- 2,063,173; Lange Emil. Arc rupturing device for electric switches. Issued 12-8-36. (28)
- 2,063,206; Szalay Franz. Collector for electric current. Issued 12-8-36. (34)
- 2,063,209; All. I G Farbenindustrie A G. Process of making wool like artificial fibers. Issued 12-8-36. (28)
- 2,063,241; Gangler Paul. Parking device. Issued 12-8-36. (28)
- 2,063,254; All. I G Farbenindustrie A G. Chrome pigments. Issued 12-8-36. (28)
- 2,063,265; All. Anker Werke A G. Cash register and the like. Issued 12-8-36. (28)



- 2,063,270; Bacchetti Righetti Giorgio. Silencer for internal combustion engines. Issued 12-8-36. (38)
- 2,063,277; Von Mihaly Denes. Slit forming device for recording or reproducing photographic sound records. Issued 12-8-36. (28)
- 2,063,296; Braune Albert. Apparatus of a light filter for electric lamps. Issued 12-8-36. (28)
- 2,063,306; Forster Joseph. High tension cable. Issued 12-8-36. (6)
- 2,063,435; All. I G Farbenindustrie A G. Spinning nozzle for the dry spinning process. Issued 12-8-36. (28)
- 2,063,500; All. Lorenz C A G. Single wave transmitting system. Issued 12-8-36. (28)
- 2,063,631; All. Kalle and Co A G. Diazo compounds and a process of preparing them. Issued 12-8-36. (28)
- 2,063,643; Von Okolicsanyi Franz. Television receiver. Issued 12-8-36. (28)
- 2,063,664; Ebert Fritz. Differential work feeder for sewing machines. Issued 12-8-36. (28)
- 2,063,667; Harteck Paul; Farkas Ladislaus et al. Filling cavities. Issued 12-8-36. (28)
- 2,063,687; All. Mansbach Willy. Displaying apparatus. Issued 12-8-36. (28)
- 2,063,694; All. Fernseh A G. Automatic regulation of the amplification in tele cine transmitting amplifiers. Issued 12-8-36. (28)
- 2,063,779; Baj Alessandro. Means for cooling the valves in internal combustion engines. Issued 12-8-36. (38)
- 2,063,813; Kellendorfer Richard. Electric safety cut out. Issued 12-8-36. (28)
- 2,063,832; All. Kalle and Co A G. Light sensitive diazo layers. Issued 12-8-36. (28)
- 2,063,900; Wenczek Karl. Building material and building construction. Issued 12-15-36. (28)
- 2,064,058; All. I G Farbenindustrie A G. Lenticular stencil film. Issued 12-15-36. (28)
- 2,064,130; Tiraferri Luigi Roffeni et al; Maz-zetti Carlo. Process for degumming textile fibers. Issued 12-15-36. (38)
- 2,064,215; Noe Rudolf. Shooting seat. Issued 12-15-36. (28)
- 2,064,239; Aivaz Boris. Smoke filter plug or wad for cigarette paper tubes. Issued 12-15-36. (34)
- 2,064,249; All. Mauser Werke A G. Garment such as knickers and the like. Issued 12-15-36. (28)
- 2,064,278; Tappe Wilhelm. Apparatus for extinguishing fires. Issued 12-15-36. (57)
- 2,064,341; All. Deckel Friedrich. Photographic camera. Issued 12-15-36. (28)
- 2,064,390; All. Rheinmetall Borsig A G. Fractionating column. Issued 12-15-36. (28)
- 2,064,446; Peters Peter Anton. Headlight. Issued 12-15-36. (28)
- 2,064,482; Maul Michael. Perforated record controlled machine. Issued 12-15-36. (28)
- 2,064,545; Kleinmann Ernst et al; Mendel Alfred. Electrical contact plug or pin. Issued 12-15-36. (28)
- 2,064,547; All. Rheinmetall Borsig A G. Bombing mechanism for aircraft. Issued 12-15-36. (28)
- 2,064,604; Hempel Paul. Spectacle frame. Issued 12-15-36. (28)
- 2,064,650; All. Soc Italiana Pirelli. Apparatus for degasifying liquids. Issued 12-15-36. (38)
- 2,064,684; Ostendorf Peter. Method of welding. Issued 12-15-36. (6)
- 2,064,709; Wirth Herbert. Warp frame attachment. Issued 12-15-36. (28)
- 2,064,710; Wirth Herbert. Fabric take up device for flat warp knitting machines. Issued 12-15-36. (28)
- 2,064,727; Buer Carl Heinz. Process for the manufacture of stable preparations having a high content of commercial lecithin. Issued 12-15-36. (28)
- 2,064,759; Koester Erwin. Minute sand glass. Issued 12-15-36. (28)
- 2,064,795; Gerdtis Gustav Friedrich. Controlling device for water returned to boilers. Issued 12-15-36. (28)
- 2,064,851; All. Wormser Arthur. Means for and method of separating sheet material. Issued 12-22-36. (28)
- 2,064,879; Bosmann Wilhelm. Apparatus for carbonating and dispensing liquid. Issued 12-22-36. (28)
- 2,064,891; All. Krupp Fried A G. Draft gear for railway vehicles. Issued 12-22-36. (28)
- 2,064,892; All. I G Farbenindustrie A G. Printing lenticular film. Issued 12-22-36. (28)
- 2,064,897; All. I G Farbenindustrie A G. Manufacture of artificial silk. Issued 12-22-36. (28)
- 2,064,915; All. I G Farbenindustrie A G. Manufacture of shaped articles from viscose. Issued 12-22-36. (28)
- 2,064,916; All. Maschinenfabrik Augsburg. Bell gasholder. Issued 12-22-36. (28)
- 2,064,976; All. Junkers Therese. Regulation of free piston motor compressors. Issued 12-22-36. (28)
- 2,064,978; Kaselitz Oskar. Recovering nitrogen from nitrosyl chloride. Issued 12-22-36. (28)
- 2,064,979; Kaselitz Oskar. Production of alkali phosphates. Issued 12-22-36. (28)
- 2,064,983; Lesage Alfred. Two stroke piston controlled engine. Issued 12-22-36. (28)
- 2,064,989; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 12-22-36. (28)
- 2,065,029; All. Universelle Cigarettenmaschinen. Apparatus and method of making and applying bands. Issued 12-22-36. (28)
- 2,065,098; All. Menrad Ferdinand. Method of making plaquets for spectacles or eye glasses. Issued 12-22-36. (28)
- 2,065,160; Strazzulla Sebastiano. Rotary engine. Issued 12-22-36. (38)
- 2,065,176; All. Teves Alfred Maschinen Und. Vehicle brake. Issued 12-22-36. (28)
- 2,065,186; All. Heko Werk Chemische Fabrik A. G. Heater casing for use with a dental press. Issued 12-22-36. (28)
- 2,065,188; All. I G Farbenindustrie A G. Manufacture of viscose. Issued 12-22-36. (28)
- 2,065,241; Oetling Carl. Method of treating plants. Issued 12-22-36. (28)
- 2,065,269; Dallenbach Walter. Discharge apparatus containing gas or vapor. Issued 12-22-36. (28)
- 2,065,280; Koros Ladislaus et al; Hallen Karl. Arrangement for deriving currents. Issued 12-22-36. (28)
- 2,065,286; Nicolet Walter. Ribbon loom. Issued 12-22-36. (28)
- 2,065,28.; Otto Carl. Process of coking coal. Issued 12-22-36. (28)
- 2,065,302; Bocca Carlo et al; Amati Luigi. Method for obtaining slightly relieved photographic images. Issued 12-22-36. (38)
- 2,065,306; Friess Horst. Bronzing machine. Issued 12-22-36. (28)
- 2,065,359; Zechmeister Stephen. Testing machine for tensile tests. Issued 12-22-36. (34)
- 2,065,370; Gelinsky Ernst. Chest for surgical bandages in strip form. Issued 12-22-36. (28)
- 2,065,373; Karageorgieff Christoph. Tapping and refill controlling device. Issued 12-22-36. (6)
- 2,065,584; Hempel Anna. Rubber brush. Issued 12-29-36. (28)
- 2,065,660; Dallenbach Walter. Liquid cooled vacuum vessel. Issued 12-29-36. (28)
- 2,065,670; All. I G Farbenindustrie A G. Printing lenticular film. Issued 12-29-36. (28)
- 2,065,858; Imon Sadami. Narrowing mechanism for knitting machines. Issued 12-29-36. (39)
- 2,065,863; All. Madaus Dr & Co. Method of preserving vegetable matter. Issued 12-29-36. (28)
- 2,065,864; Maul Michael. Translator device for hole combinations. Issued 12-29-36. (28)
- 2,065,871; Rehfus Wilhelm. Air and like filter. Issued 12-29-36. (28)
- 2,065,877; Tanaka Soai. Method of manufacturing a cotton fiber like material from straw. Issued 12-29-36. (39)
- 2,065,895; Jandat Karl. Apparatus for sterilizing by heated air. Issued 12-29-36. (28)
- 2,065,921; All. Lorenz C A G. Condenser. Issued 12-29-36. (28)
- 2,065,954; Von Mihaly Denes. Apparatus for reproducing sound from an endless band of photographic film. Issued 12-29-36. (28)
- 2,065,963; All. Still Carl GmbH. Process for the operation of retorts and chamber ovens. Issued 12-29-36. (28)
- 2,065,966; Bruning Paul. Elastic holder for cutting off tools and the like. Issued 12-29-36. (28)
- 2,065,971; Herbert Leonhard et al; Frohlich Adolf. Manufacture of pneumatic tires. Issued 12-29-36. (28)
- 2,065,974; Marguerre Fritz. Thermodynamic energy storage. Issued 12-29-36. (28)
- 2,065,975; Meyer Jagenberg Gunther. Process & means for manufacturing paper containers. Issued 12-29-36. (28)
- 2,065,979; Lieberknecht Paul. Manufacture of hosiery. Issued 12-29-36. (28)
- 2,065,980; All. Maybach Motorenbau GmbH. Clutch & brake device for motor vehicles. Issued 12-29-36. (28)
- 2,065,989; Spiess Georg. Folding attachment. Issued 12-29-36. (28)
- 2,066,102; All. I G Farbenindustrie A G. Reproduction of photographic sound records. Issued 12-29-36. (28)
- 2,066,103; Fiorelli Ferdinando. Combustion process for the use of fluid fuel in Martin furnaces. Issued 12-29-36. (38)
- 2,066,196; Blaettner Karl. Sheet separating mechanism. Issued 12-29-36. (28)
- 2,066,204; Kaltenbach Alois et al; Voigt Richard. Guide pulley bearing for band drive in dental machines. Issued 12-29-36. (28)
- 2,066,210; Maltner Hermann. Pocket lighter. Issued 12-29-36. (28)
- 2,066,223; All. Maschinenfabrik Augsburg Nurnberg A G. Coupling. Issued 12-29-36. (28)
- 2,066,224; All. Maschinenfabrik Augsburg Nurnberg A G. Vibration damper for shafts. Issued 12-29-36. (28)
- 2,066,345; Greby Jules Ernest Michel. Automatic temperature regulator. Issued 1-5-37. (28)
- 2,066,359; Nagele Karl Friedrich. Fixing device for sliding clasp fasteners. Issued 1-5-37. (28)
- 2,066,365; Salmang Hermann et al; Wentz Benno. Tridymite stone. Issued 1-5-37. (28)
- 2,066,366; Salmang Hermann et al; Wentz Benno. Process for making silica stone material. Issued 1-5-37. (28)
- 2,066,384; Bade Anny. Nautical angle measuring and drawing instrument. Issued 1-5-37. (28)
- 2,066,396; All. Koch & Sterzel A G. Current transformer. Issued 1-5-37. (28)
- 2,066,401; All. Schmidt Sche Heissdampf. Boiler. Issued 1-5-37. (28)
- 2,066,433; Toussaint Heinrich et al; Heintzmann Egmont. Mine prop. Issued 1-5-37. (28)
- 2,066,486; All. Universelle Cigarettenmaschinen. Apparatus for applying wrappers to fillers. Issued 1-5-37. (28)
- 2,066,504; Winkler Franz. Coaster brake. Issued 1-5-37. (28)

- 2,066,576; Richter Ewald. Shock absorber. Issued 1-5-37. (28)
- 2,066,614; All. Telephon Apparat Fabrik. Relay circuit. Issued 1-5-37. (28)
- 2,066,690; Keller Felix. Filter for radio sets. Issued 1-5-37. (28)
- 2,066,704; Still Carl. Production of coke and gas in chamber ovens. Issued 1-5-37. (28)
- 2,066,726; All. Thekla Muller. Method of producing sheets from urea formaldehyde resins. Issued 1-5-37. (28)
- 2,066,728; All. I G Farbenindustrie A G. Printing sound record. Issued 1-5-37. (28)
- 2,066,779; All. Himmelwerk A G. Hauling drum. Issued 1-5-37. (28)
- 2,066,843; Loismann Anton. Hosiery Knitting machine. Issued 1-5-37. (28)
- 2,066,859; Schiler Fritz. Portable phonograph. Issued 1-5-37. (28)
- 2,066,880; Eissfeldt Werner. Recording device. Issued 1-5-37. (28)
- 2,066,888; All. Schlafhorst W Co. Cross wound warp beam. Issued 1-5-37. (28)
- 2,066,892; All. Arenella Societa Italiana Per. Manufacture of citric acid. Issued 1-5-37. (38)
- 2,066,895; All. Fahlberg List A G. Water soluble seed disinfectant. Issued 1-5-37. (28)
- 2,066,918; All. Kalle & Co A G. Light sensitive material and a process of producing pictures. Issued 1-5-37. (28)
- 2,066,954; Von Herz Edmund. C nitrotetrazole compounds. Issued 1-5-37. (28)
- 2,066,991; Lutz Alfred. Manufacturing paper tubes and pipes and the like. Issued 1-5-37. (28)
- 2,066,996; Morioka Isao. Process for manufacturing statues similar to objects. Issued 1-5-37. (39)
- 2,067,036; Wimmer Anton. Process of producing metals for electrical purposes. Issued 1-5-37. (28)
- 2,067,157; Maul Michael. Perforated record controlled machine. Issued 1-5-37. (28)
- 2,067,268; Hans Hans. Device for promoting respiration. Issued 1-12-37. (28)
- 2,067,274; L Orange Prosper. Internal combustion engine. Issued 1-12-37. (28)
- 2,067,275; Luschenowsky Alexander. Purification and refinement of magnesium and magnesium alloys. Issued 1-12-37. (28)
- 2,067,288; All. Maschinenfabrik Augsburg Nurnberg A G. Internal combustion engine. Issued 1-12-37. (28)
- 2,067,305; Wagner Fritz. Feed water purifier plant for locomotive boilers. Issued 1-12-37. (28)
- 2,067,314; Debelack-August. Piston. Issued 1-12-37. (6)
- 2,067,317; Gruber Heinrich. Method of converting barbituric acids into stable aqueous solutions. Issued 1-12-37. (28)
- 2,067,319; Haag Wilhelm. Safety lock. Issued 1-12-37. (28)
- 2,067,393; Habann Erich. Arrangement for amplifying alternating currents. Issued 1-12-37. (28)
- 2,067,522; All. Bemberg I P A G. Method of producing cellulosic films. Issued 1-12-37. (28)
- 2,067,544; All. Zellstoffabrik Waldhof. Production of craped or crimped artificial yarns. Issued 1-12-37. (28)
- 2,067,618; All. Hegenscheidt Wilhelm A G. Clamping device. Issued 1-12-37. (28)
- 2,067,633; Hafner Raoul. Rotative wing aircraft. Issued 1-12-37. (6)
- 2,067,634; Hafner Raoul. Aircraft tailplane. Issued 1-12-37. (6)
- 2,067,685; Schaper Otto. Series clutch mechanism for motor vehicles. Issued 1-12-37. (28)
- 2,067,768; Krefft Friedrich. Ball and socket joint for pipes. Issued 1-12-37. (28)
- 2,067,816; All. Schniewind H E. Process of making ornamented fabric. Issued 1-12-37. (28)
- 2,067,841; All. Schubert and Salzer. Auxiliary device for fabric holdingdown attachments. Issued 1-12-37. (28)
- 2,067,843; Tonnies Hans Ferdinand. Photoelectric photometer. Issued 1-12-37. (28)
- 2,067,962; All. Deckel Friedrich. Engraving and copying machine. Issued 1-19-37. (28)
- 2,068,045; Wohlmeyer Josef. Piston pile driver. Issued 1-19-37. (6)
- 2,068,077; All. Rosin Paul. Pneumatic drying device. Issued 1-19-37. (28)
- 2,068,185; Kreis Fritz. Automatic clutch. Issued 1-19-37. (28)
- 2,068,294; All. I G Farbenindustrie A G. Inorganic colored pigment and a process of preparing the same. Issued 1-19-37. (28)
- 2,068,296; All. Albert Dr. Kurt GmbH. Process for the precipitation of copper and for the treatment of substances containing copper and nickel. Issued 1-19-37. (28)
- 2,068,301; Nagel Wilhelm. Optical color matching apparatus. Issued 1-19-37. (28)
- 2,068,308; Zever Alfred. Holder of tools. Issued 1-19-37. (28)
- 2,068,409; Hahnle Hermann. Device for feeding high pressure boilers. Issued 1-19-37. (28)
- 2,068,424; All. I G Farbenindustrie A G. Production of polymerization products. Issued 1-19-37. (28)
- 2,068,446; Brodewitz Olga. Clothes hanger. Issued 1-19-37. (28)
- 2,068,541; Erdmann Wilhelm. Nonskidding device for use on road vehicles. Issued 1-19-37. (28)
- 2,068,547; Jung Joseph. Dressing case. Issued 1-19-37. (28)
- 2,068,622; Ufer Hubert. Method of making double cut files. Issued 1-19-37. (28)
- 2,068,714; Stedefeld Curt. Elastic permanent way. Issued 1-26-37. (28)
- 2,068,770; Schwarzschild Alfred M. Printed textile fabric. Issued 1-26-37. (28)
- 2,068,788; All. Triumph Werke Nurnberg A G. Typewriter. Issued 1-26-37. (28)
- 2,068,793; Frauenknecht Hans. Process for the rapid recarburization of pig iron melted in a cupola furnace. Issued 1-26-37. (38)
- 2,068,817; All. Osnabrucker Firma Kupfer und. Copper alloy amenable to heat treatment. Issued 1-26-37. (28)
- 2,068,821; All. Soc Italiana Ernesto Breda Per. Portable firearm for firing bombs. Issued 1-26-37. (38)
- 2,068,823; Schmeisser Hugo. Air gun. Issued 1-26-37. (28)
- 2,068,919; Kogel Gustav. Process for the production of sound records. Issued 1-26-37. (28)
- 2,068,968; Heinzl Hans, Urbanek Julius et al. Movable staybolt. Issued 1-26-37. (6)
- 2,069,006; Ebert Fritz. Presser foot for sewing machines. Issued 1-26-37. (28)
- 2,069,007; Fontana Cesare. Device for automatically changing transmission ratio. Issued 1-26-37. (38)
- 2,069,024; All. Forderanlagen Ges Ernst Heckel. Process and apparatus for clarifying coal slurry and the like. Issued 1-26-37. (28)
- 2,069,035; All. Drager Otto Heinrich. Device for detecting the presence of foreign gases or suspensions in air or other gas. Issued 1-26-37. (28)
- 2,069,056; Barry Paul. Stuffing box packing. Issued 1-26-37. (28)
- 2,069,101; Tabozzi Giacinto. Aerial flare. Issued 1-26-37. (38)
- 2,069,109; Loimann Anton. Needle bar. Issued 1-26-37. (28)
- 2,069,112; Oppenheim Sally. Device for treating the too root membrane. Issued 1-26-37. (28)
- 2,069,128; Blatz Valentin Otto. Valve for pneumatic tires for motor driven vehicles giving acoustic signals. Issued 1-26-37. (28)
- 2,069,142; Haberfeld Erwin Otto. Manifold bookkeeping leaf. Issued 1-26-37. (28)
- 2,069,146; Haupt Wilhelm. Roadway bridge connection. Issued 1-26-37. (28)
- 2,069,349; Bergschicker Heinrich. Adjusting device for throttle valves. Carburetors. Issued 2-2-37. (28)
- 2,069,366; Heerdt Otto. Control element for the flushing device in hydraulic gears. Issued 2-2-37. (28)
- 2,069,405; De Kramolin Leon Ladislav. Radio receiving arrangement. Issued 2-2-37. (28)
- 2,069,410; Hochstadter Otto. Container closure. Issued 2-2-37. (28)
- 2,069,432; Watanabe Saburo. Automatic device for automatic firearms. Issued 2-2-37. (39)
- 2,069,459; Neubronner Carl. Carrying device formed by an adhesive strip. Issued 2-2-37. (28)
- 2,069,544; Altmann Walter. Advertising hood. Issued 2-2-37. (28)
- 2,069,647; De La Tour Filiberto. System of sculptural reproduction in three dimensions by means of instantaneous photography. Issued 2-2-37. (38)
- 2,069,683; Scholl Roland et al; Donat Joachim; Meyer Kurt. Mono ketones of the pyrene series and process of making the same. Issued 2-2-37. (28)
- 2,070,275; All. I G Farbenindustrie A G N. Colored salts of organic ammonia. Derivatives and acid derivations of nitrated anilines. Issued 2-9-37. (28)
- 2,070,361; Klemm Willi. Wire loom with weft grab bars. Issued 2-9-37. (28)
- 2,070,362; All. Schull Felix. Method of making chains. Issued 2-9-37. (28)
- 2,070,364; Lesage Alfred. Outboard motor. Issued 2-9-37. (28)
- 2,070,461; All. Namiki Mfg Co Ltd. Piston fountain pen. Issued 2-9-37. (39)
- 2,070,465; All. Horn Ernst. Toy vehicle. Issued 2-9-37. (28)
- 2,070,474; Dacco Aldo. Zinc alloy. Issued 2-9-37. (38)
- 2,070,503; Ammon Christian. Method for converting carbon monoxide into formic acid. Issued 2-9-37. (28)
- 2,070,558; Beck August. Process for refining chocolate masses. Issued 2-16-37. (28)
- 2,070,612; Niederreither Hans. Method of producing storing and distributing electrical energy by operating gas batteries particularly oxy hydrogen gas batteries and electrolyzers. Issued 2-16-37. (28)
- 2,070,657; Hafner Raoul. Rotative wing aircraft. Issued 2-16-37. (6)
- 2,070,672; Moczala Hans Josef. Method of producing double wall vessels of ceramic material and with rarefaction of the air within the wall spaces. Issued 2-16-37. (28)
- 2,070,679; Bergstein Kurt; Pebock Rudolf et al. Process for preparing nonmetallic articles for electro plating. Issued 2-16-37. (28)
- 2,070,684; Ritzerfeld Wilhelm. Delivery device for duplicating machines. Issued 2-16-37. (28)
- 2,070,697; All. Kaiser Wilhelm Institute Fur. Process for producing fertilizers. Issued 2-16-37. (28)
- 2,070,731; All. Knote Rudolf. Device for measuring the elastic properties of materials. Issued 2-16-37. (28)
- 2,070,738; Klein Wilhelm. Pump with cam drive. Issued 2-16-37. (28)
- 2,070,753; Schatzky Franz. Sliding clasp fastener for fabric edges joining in a curved line. Issued 2-16-37. (28)
- 2,070,758; Spatz Fritz. Motor vehicle. Issued 2-16-37. (28)
- 2,070,803; Oblak Hans. Safe and the like. Issued 2-16-37. (6)
- 2,071,010; Weberling Heinrich. Color photography. Issued 2-16-37. (28)
- 2,071,210; Kramer Wilhelm. Manufacture of wire netting. Issued 2-16-37. (28)



- 2,071,214; All. Soc Italiana Pirelli. Process for the manufacture of rubber compositions from latex and like aqueous rubber dispersions. Issued 2-16-37. (38)
- 2,071,217; Zipernovszky Franz; Reich Ernest et al. Calibrating meter having a plurality of constants. Issued 2-16-37. (34)
- 2,071,271; Mayer Karl. Apparatus for turning in toe and heel caps for footwear. Issued 2-16-37. (28)
- 2,071,282; All. Bergwerksverband Zur Verwertung. Method of separating amino-acids readily soluble in water and ammonium sulphate. Issued 2-16-37. (28)
- 2,071,405; Jahnelt Ernst. Winch with geared transmission. Issued 2-23-37. (28)
- 2,071,441; All. Nathan Adolf. Manifolding pattern sheet. Issued 2-23-37. (28)
- 2,071,465; Huber Joseph. Freezing apparatus. Issued 2-23-37. (28)
- 2,071,471; All. I G Farbenindustrie A G. Device for indicating the temperature distribution of hot bodies. Issued 2-23-37. (28)
- 2,071,477; All. Pintsch Julius A G. Apparatus for recording sound on or reproducing from an endless band of film. Issued 2-23-37. (28)
- 2,071,510; Durrier Wilhelm. Selective magazine pench. Issued 2-23-37. (28)
- 2,071,523; Hessen Richard. Preparation of artificial resin. Compression mixtures. Issued 2-23-37. (28)
- 2,071,524; Hessen Richard. Process for the production of lacquers and lacquer starting materials containing artificial resins. Issued 2-23-37. (28)
- 2,071,526; All. Linde S Elsmaschinen A G. Overflow conduit for rectifying columns. Issued 2-23-37. (28)
- 2,071,555; Meder Heinrich. Process for producing a completely insulating air & acid-proof protective coating especially for mirrors. Issued 2-23-37. (28)
- 2,071,593; Thormann Wilhelm. Boot especially for sport. Issued 2-23-37. (28)
- 2,071,596; Ungerer Fritz. Method for the hot straightening of plates. Issued 2-23-37. (28)
- 2,071,651; Neill Davids. Process & device for degumming ramie and other similar fibers. Issued 2-23-37. (38)
- 2,071,704; All. Bohme Fettchemie GmbH. Process for producing tetrahydrofurfuryl alcohol. Issued 2-23-37. (28)
- 2,071,707; All. Patent Treuhand Ges Fuer Elektrische. Electric furnace for melting glass. Issued 2-23-37. (28)
- 2,071,712; Stuting Heinrich. Roll stand unit for a continuous reducing mill. Issued 2-23-37. (28)
- 2,071,728; Bursitzky Hans. Apparatus for utilizing blocks of carbon dioxide ice. Issued 2-23-37. (28)
- 2,071,739; All. Electroacoustic GmbH. Amplifier arrangement for listening devices. Issued 2-23-37. (28)
- 2,071,821; Eckardt Emil Eduard. Photographic image bearer & method of making same. Issued 2-23-37. (28)
- 2,071,868; Von Lude Kurt. Recovery of moisture for use on lighter than air aircraft. Issued 2-23-37. (28)
- 2,071,880; All. Mercedes Buromaschinen Werke A G. Printing adding machine. Issued 2-23-37. (28)
- 2,071,894; All. Herrmann Emil. Bow for stringed instruments. Issued 2-23-37. (28)
- 2,071,988; Sasse Carl. Comfort chair. Issued 2-23-37. (28)
- 2,072,089; Fink Hermann. Method of obtaining and isolating finely dispersed substances possessing an electrical charge from strongly diluted solutions. Issued 3-2-37. (28)
- 2,072,197; Bergmann Theodor Emil. Automatic firearm. Issued 3-2-37. (28)
- 2,072,205; Halpern Adolf. Combined light and heat radiator with reflector for medical purposes. Issued 3-2-37. (6)
- 2,072,222; Schuttikus Richard Arthur. Device for conveying loads over inclined or stepped surfaces. Issued 3-2-37. (28)
- 2,072,224; All. Menck & Hambrock GmbH. Impact device. Issued 3-2-37. (28)
- 2,072,235; Wormser Arthur. Method of and means for detecting misfed sheets. Issued 3-2-37. (28)
- 2,072,236; Wormser Arthur. Sheet detector. Issued 3-2-37. (28)
- 2,072,241; All. Lorenz C A G. Means for carrying coils of wire or tape shaped bodies. Issued 3-2-37. (28)
- 2,072,262; All. Lorenz C A G. Reflecting structure for electric waves. Issued 3-2-37. (28)
- 2,072,266; All. Knorr Bremse A G. Percussive tool-driven by an internal combustion engine. Issued 3-2-37. (28)
- 2,072,267; All. Lorenz C A G. System for landing aircraft. Issued 3-2-37. (28)
- 2,072,268; All. Lorenz C A G. Transmitter for electromagnetic waves. Issued 3-2-37. (28)
- 2,072,363; Frenzel Kurt. Automatic numbering device. Issued 3-2-37. (28)
- 2,072,396; All. I G Farbenindustrie A G. Printing lenticular film. Issued 3-2-37. (28)
- 2,072,402; All. Krause Medico GmbH. Dietetic foodstuff and process for preparing same. Issued 3-2-37. (28)
- 2,072,408; Pollak Elly. Method of treating porous masses. Issued 3-2-37. (6)
- 2,072,475; All. Chemische Fabrik R Baumeier A G. Manufacture of wetting penetrating frothing and washing agents. Issued 3-2-37. (28)
- 2,072,485; Meyer Kurt; Donat Joachim; Scholl Roland et al. Vat dyestuffs of the anthraquinone series and process of making the same. Issued 3-2-37. (28)
- 2,072,492; Anger Paul. Jet impact pulverizer. Issued 3-2-37. (28)
- 2,072,500; Gaul Max. Thermostat. Issued 3-2-37. (28)
- 2,072,521; Kolbe Joachim. Motor vehicle. Issued 3-2-37. (28)
- 2,072,530; Ricevuto Andrea et al; Bennett Alexander Hutcheon. Process for the manufacture of citrate of lime from citrus fruits. Issued 3-2-37. (38)
- 2,072,629; Fernholz Ernst. Coupling device for carbonators. Issued 3-2-37. (28)
- 2,072,675; All. Schmidtsche Heissdampf GmbH. Boiler. Issued 3-2-37. (28)
- 2,072,741; All. I G Farbenindustrie A G. Apparatus for projection of lenticular film. Issued 3-2-37. (28)
- 2,072,742; All. Soc Italiana Pirelli. Stop joint for oil filled cables. Issued 3-2-37. (38)
- 2,072,790; All. Gebruder Brehmer. Paper folding machine. Issued 3-2-37. (28)
- 2,072,849; Dietrich Friedrich Richard. Searchlight with ellipsoid mirror. Issued 3-9-37. (28)
- 2,072,971; Walter Georg. Process for the manufacture of condensation products from non aliphatic sulphamides and aldehydes. Issued 3-9-37. (6)
- 2,073,004; All. I G Farbenindustrie A G. Fireproof material. Issued 3-9-37. (28)
- 2,073,071; Nernst Walther. Instrument producing music. Issued 3-9-37. (28)
- 2,073,191; Belluzzo Giuseppe. Combustion turbine. Issued 3-9-37. (38)
- 2,073,201; Esau Abraham. Method of diathermic treatment by means of high frequency. Issued 3-9-37. (28)
- 2,073,204; Friedrich Wilhelm. Method and apparatus for producing fire extinguishing foam. Issued 3-9-37. (28)
- 2,073,237; All. Todendenkyu Kabushiki Kaisha. Inside frosted incandescent electric lamp bulb. Issued 3-9-37. (39)
- 2,073,297; All. Luftschiffbau Zeppelin GmbH. Ring bracing of rigid airships. Issued 3-9-37. (28)
- 2,073,323; All. Universelle. Packaging short filler tobacco. Issued 3-9-37. (28)
- 2,073,412; Cappelli Bruno. Device for recording sound originating in the human body. Issued 3-9-37. (38)
- 2,073,928; All. Schloemann A G. Reel for coiling wire. Issued 3-16-37. (28)
- 2,073,956; All. Maschinenfabrik Augsburg-Dam. Issued 3-16-37. (28)
- 2,074,020; Marholt Karl. Hair cutting machine. Issued 3-16-37. (6)
- 2,074,226; All. Kunz Josef. Method of and apparatus for rendering objects visible in infrared rays. Issued 3-16-37. (6)
- 2,074,251; Braun August Wilhelm. Arrangement for the automatic steering of motor vehicles. Issued 3-16-37. (6)
- 2,074,285; All. Norddeutsche Seekabelwerke A G. Manufacture of flexible bands threads foils and tubes of artificial substances. Issued 3-16-37. (28)
- 2,074,289; All. Daimler Benz A G. Power driven vehicle. Issued 3-16-37. (28)
- 2,074,293; Wohlmeyer Josef. Traveling motor compressor. Issued 3-16-17. (6)
- 2,074,320; Bauer Bruno. Combination wrapping. Issued 3-23-37. (6)
- 2,074,470; Hermann Richard. Screw cutting machine. Issued 3-23-37. (28)
- 2,074,510; All. Junkers Flugzeug Und. Centrifugal friction clutching device. Issued 3-23-37. (28)
- 2,074,556; Pilz Josef. Drawing mechanism of spinning machines. Issued 3-23-37. (6)
- 2,074,583; Golz Emil. Hydraulic power transmitting mechanism. Issued 3-23-37. (28)
- 2,074,605; Eggemann Johannes. Boring tool. Issued 3-23-37. (28)
- 2,074,612; Lange Emil. Arc rupturing device for electric safety fuses. Issued 3-23-37. (28)
- 2,074,643; Domenego Mauriz. Device for holding ornaments illumination devices and so forth. Issued 3-23-37. (6)
- 2,074,652; Kalber Albert. Device for firing flashlight cartridges. Issued 3-23-37. (28)
- 2,074,656; Luhl Fritz. Wall or roof construction. Issued 3-23-37. (28)
- 2,074,690; Gerds Gustav Friedrich. Steam trap. Issued 3-23-37. (28)
- 2,074,787; Herbst Paul. Piston pump for gases and liquids. Issued 3-23-37. (28)
- 2,074,806; All. Berzelius Melathtuten GmbH. Process for the extraction of cadmium. Issued 3-23-37. (28)
- 2,074,811; Schuh Felix. Device for moistening envelopes. Issued 3-23-37. (28)
- 2,074,884; Beisser Georg Dec. Scale. Issued 3-23-37. (28)
- 2,074,907; Heinemann Rudolf. Direction indicator. Issued 3-23-37. (28)
- 2,074,930; Marx Erwin. Current converting system. Issued 3-23-37. (28)
- 2,075,134; Reiman Julius. Card for congratulation and advertisement purposes. Issued 3-30-37. (28)
- 2,075,139; Scheller Curt. Jacquard apparatus for flat knitting looms. Issued 3-30-37. (28)
- 2,075,155; Zipper Emil et al; Zipper Walter. Vehicle wheel. Issued 3-30-37. (6)
- 2,075,200; Ibuka Masaru. Means for lighting gas discharge tubes. Issued 3-30-37. (39)
- 2,075,210; Kugener Eugen. Process for the agglomeration of fine iron ores. Issued 3-30-37. (28)
- 2,075,230; All. I G Farbenindustrie A G. Production of siccatives. Issued 3-30-37. (28)
- 2,075,283; All. I G Farbenindustrie A G. Production of magnetizable alloy. Issued 3-30-37. (28)
- 2,075,306; All. Kalle & Co. A G. Device for developing photographic prints. Issued 3-30-37. (28)

- 2,075,360; All. Fernseh A G. Television apparatus. Issued 3-30-37. (28)
- 2,075,368; Squassi Gaetano Camillo. Means for heating rooms. Issued 3-30-37. (38)
- 2,075,390; Forster Karl August. Bee poison preparation. Issued 3-30-37. (28)
- 2,075,398; Kunath Paul. Car jack. Issued 3-30-37. (28)
- 2,075,400; Mazzucchelli Vittorio. Apparatus for the linear measurement of strip material. Issued 3-30-37. (38)
- 2,075,544; All. Schlafhorst W Co. Cop doffing and tube donning mechanism for cop winding machines. Issued 3-30-37. (28)
- 2,075,546; Rinagl Franz. Apertured structural elements and machine parts. Issued 3-30-37. (6)
- 2,075,551; Stahl Carl. Paring machine. Issued 3-30-37. (28)
- 2,075,607; Griesel Heinrich. Molding apparatus. Issued 3-30-37. (28)
- 2,075,631; Stroher Karl Georg. Means for making permanent waves. Issued 3-30-37. (28)
- 2,075,648; Huttner Fritz. Power plant. Issued 3-30-37. (28)
- 2,075,651; Kund Ede. Internal combustion engine control. Issued 3-30-37. (34)
- 2,075,678; All. Maschinenleer en Apparatenfabriken. Transferring combustible liquefied gases. Issued 3-30-37. (28)
- 2,075,688; All. Bamag Meguin A G. Electrolytic apparatus. Issued 3-30-37. (28)
- 2,075,720; Hoffmann Emil. Appliance for tensioning and fastening bale ties. Issued 3-30-37. (28)
- 2,075,746; Nelman Abram. Suspension and springing means for motor cars and motor vehicles. Issued 3-30-37. (28)
- 2,075,785; Van Caneghem Achilles Eduard Freiherr. Motorcycle. Issued 3-30-37. (28)
- 2,075,841; Wertheimer Adolf. Electric advertising device. Issued 4-6-37. (28)
- 2,075,856; All. Leitz Ernst GmbH. Optical drilling tool. Issued 4-6-37. (28)
- 2,075,857; Loef Jakob. Hydraulic brake especially for. Issued 4-6-37. (28)
- 2,075,992; Lux Elisabeth et al; Daniels Joseph. Production of compact molded bodies from ceramic masses concrete or the like. (28)
- 2,076,049; Seitz Georg Heinrich. Sheet filter. Issued 4-6-37. (28)
- 2,076,103; Thorner Walther. Apparatus for producing cinematographic combination films. Issued 4-6-37. (28)
- 2,076,130; All. I G Farbenindustrie A G. Process of manufacturing polyvinyl derivatives containing nitrogen. Issued 4-6-37. (28)
- 2,076,203; Mallander Willy. Photogravure plate printing press. Issued 4-6-37. (28)
- 2,076,219; Belloni Angelo. Means for facilitating escape from submerged craft. Issued 4-6-37. (38)
- 2,076,281; All. Junkers Flugzeug und Motorenwerke A G. Aluminium alloy and article made therefrom. Issued 4-6-37. (28)
- 2,076,481; Riszdorfer Odon. Photographic camera for determining the exposures. Issued 4-6-37. (34)
- 2,076,482; Riszdorfer Odon. Photographic apparatus. Issued 4-6-37. (34)
- 2,076,512; Schaffler Glossl Konrad. Blasting equipment. Issued 4-6-37. (6)
- 2,076,686; All. Schneider Jos and Co Optotechnische. Photographic objective. Issued 4-13-37. (28)
- 2,076,760; Arnold Carl. Toy vehicle with spark producing device. Issued 4-13-37. (28)
- 2,076,762; All. Barmer Maschinenfabrik A G. Spool holder for double twist twisting spindles. Issued 4-13-37. (28)
- 2,076,786; Kolbe Joachim. Body suspension for vehicles of all kinds. Issued 4-13-37. (28)
- 2,076,951; Kono Masaye. High speed spinning. Issued 4-13-37. (39)
- 2,076,966; Schultze Marta. Device for cleaning and removing dust from mops and other similar kinds of brooms. Issued 4-13-37. (28)
- 2,076,996; All. Brehmer Gebruder. Sheet feed device. Issued 4-13-37. (28)
- 2,077,029; All. Mineralochemie A G fur Gas exhaustion from locomotives and other furnaces. Issued 4-13-37. (6)
- 2,077,058; Rambausek Hugo. Friction coupling for change gears. Issued 4-13-37. (28)
- 2,077,103; Franz Ehrhart. Bleaching process. Issued 4-13-37. (28)
- 2,077,123; All. Mahr Carl GmbH. Gauge. Issued 4-13-37. (28)
- 2,077,164; Brandes Rudolf. Preliminary maturing of alkal cellulose. Issued 4-13-37. (28)
- 2,077,203; All. Maschinenfabrik Augsburg-Dam. Issued 4-13-37. (28)
- 2,077,246; Mayr Wilhelm. Device for cleaning razor blades. Issued 4-13-37. (28)
- 2,077,304; Bartha Alfred. Machine for joining skins. Issued 4-13-37. (34)
- 2,077,340; Longo Luigi. Penholder with ink guard. Issued 4-13-37. (38)
- 2,077,518; All. I G Farbenindustrie A G. Manufacture of lenticular sound film. Issued 4-20-37. (28)
- 2,077,531; All. Durkoppwerk A G. Thread cutting device for buttonhole and similar sewing machines. Issued 4-20-37. (28)
- 2,077,533; Werner Hans; Schmalfuss Hans et al. Process for the treatment of the flesh marine mammals. Issued 4-20-37. (28)
- 2,077,641; All. Schmidt Sche Heissdampf GmbH. Process for connecting pipes. Issued 4-20-37. (28)
- 2,077,643; All. Gross Ernst. Electric pocket fan. Issued 4-20-37. (28)
- 2,077,748; Farina Giovanni. Hydraulic operating mechanism for motor vehicle brakes. Issued 4-20-37. (38)
- 2,077,792; All. Leitz Ernst Optische Werke. Illuminator attachment for microscopes. Issued 4-20-37. (28)
- 2,077,809; All. Leitz Ernst Optische Werke GmbH. Microphotographic apparatus with microscope camera. Issued 4-20-37. (28)
- 2,077,835; All. Schubert and Salzer. Method of widening fabrics. Issued 4-20-37. (28)
- 2,077,840; Koros Laszlo. Potential divider. Issued 4-20-37. (28)
- 2,077,841; Kraus Wilhelm. Condensation products and process of making same. Issued 4-20-37. (6)
- 2,077,856; Rohm Otto. Method for producing stable alkali polysulphides. Issued 4-20-37. (28)
- 2,077,986; Cassani Francesco. Swash plate device. Issued 4-20-37. (38)
- 2,078,009; All. Mauser Maschinenbau GmbH. Tension ring closure for packing containers. Issued 4-20-37. (28)
- 2,078,011; Neher Carl Anton. Shed. Issued 4-20-37. (28)
- 2,078,028; All. Batterien U Elemente Fabrik. Flashlight. Issued 4-20-37. (28)
- 2,078,113; Zecha Otto. Sound recording apparatus. Issued 4-20-37. (6)
- 2,078,188; Dunnebler Max; Winkler Alfred et al. Apparatus for manufacturing at choice bags pockets double pockets and envelopes. Issued 4-20-37. (28)
- 2,078,385; Kato Tooru. Small receiver. Issued 4-27-37. (39)
- 2,078,391; Last Erwin. Condenser type electrode. Issued 4-27-37. (6)
- 2,078,535; All. I G Farbenindustrie A G. Manufacture of relief printing forms. Issued 4-27-37. (28)
- 2,078,545; All. Metallgesellschaft A G. Process for the production of halogenation products of rubber and like substances. Issued 4-27-37. (28)
- 2,078,561; Cavalletti Eubole. Apparatus for making infusions. Issued 4-27-37. (38)
- 2,078,564; Crosti Pietro. Multiple unit steam locomotive with boilers arranged in thermal cascade and with cycles equilibrated by thermal valves. Issued 4-27-37. (38)
- 2,078,565; Thieme Max; Durst Oskar; Durst Emanuel et al. Vacuum press and the like. Issued 4-27-37. (28)
- 2,078,663; Hafner Raoul. Control lever for aircraft or similar rocking lever devices in control mechanisms. Issued 4-27-37. (6)
- 2,078,702; Urbaniak Ignatz. Device for coring dividing and condensing ingots of cruciform cross section. Issued 4-27-37. (28)
- 2,078,764; Kielmansegg Georg. Non-skid device for vehicle wheels. Issued 4-27-37. (6)
- 2,078,799; Hummel Karl Jr. Razor strop. Issued 4-27-37. (28)
- 2,078,812; Rudiger Ernst. Weighing scale. Issued 4-27-37. (28)
- 2,078,820; All. Komet Stahlhalter und. Tool holder. Issued 4-27-37. (28)
- 2,078,824; All. Sauter August Precisions Waagen. Fixing means for elements of prismatic contour. Issued 4-27-37. (28)
- 2,078,840; All. Corp of Junker Ruh A G. Vaportight exteriorly heated electric baking oven. Issued 4-27-37. (28)
- 2,078,841; All. Verwertung Fauth Scher Patente. Apparatus for continuous distillation and deodorization. Issued 4-27-37. (28)
- 2,078,871; All. Vanderer Werke Vorm Winkhofer. Machine tool. Issued 4-27-37. (28)
- 2,078,918; All. Tobis Tonbild Syndikat A G. Sound recording. Issued 4-27-37. (28)
- 2,079,653; All. Schenck Carl Eisengieserei and. Vibrating mechanism. Issued 5-11-37. (28)
- 2,079,810; Mahler Robert. Automatic feed water valve for boilers. Issued 5-11-37. (6)
- 2,079,925; All. I G Farbenindustrie A. Process of testing the tightness of protective coatings. Issued 5-11-37. (28)
- 2,079,949; Novati Mario. Coupling for pipes and the like. Issued 5-11-37. (38)
- 2,079,966; All. Schlafhorst and Co W. Cop and tube therefor. Issued 5-11-37. (23)
- 2,079,973; All. Chemische Fabrik Stockhausen and Cie. Water soluble sulphonation products of phosphatides and process for preparing same. Issued 5-11-37. (28)
- 2,079,974; Traut Rudolf. Sawing apparatus. Issued 5-11-37. (28)
- 2,079,975; Volkmann Willy et al; Kleist Walter. Protecting device for water closets. Issued 5-11-37. (28)
- 2,080,087; All. Nippon Sekiyu Kabushiki Kaisha. Method of refining cracked oils. Issued 5-11-37. (39)
- 2,080,182; Olivetti Antonio et al; Olivetti Elia. Charge forming apparatus. Issued 5-11-37. (36)
- 2,080,184; Quaglia Giovanni. Apparatus for the recovery of objects. Issued 5-11-37. (38)
- 2,080,201; All. Soc an Salbe. Elastic plug. Issued 5-11-37. (38)
- 2,080,234; Schlotter Max. Anode for electroplating by hand. Issued 5-11-37. (28)
- 2,080,287; Mayer Edmund. Method of treating mash. Issued 5-11-37. (28)
- 2,080,349; Uhlig Paul Richard Dec. Right and left full fashioned foot hosiery and the method of manufacturing the same. Issued 5-11-37. (28)
- 2,080,372; All. Mont Blanc Simple GmbH. Tip for propelling pencils. Issued 5-11-37. (28)



- 2,080,377; Nebel Max. Circular knitting machine. Issued 5-11-37. (28)
- 2,080,557; Bravi Giuseppe. Chain machine for the production of wood chips or shavings. Issued 5-18-37. (38)
- 2,080,589; All. I G Farbenindustrie A G. Separating after chlorinated polyvinylchloride from its solutions. Issued 5-18-37. (28)
- 2,080,606; Frudua Mario. Skinning apparatus. Issued 5-18-37. (38)
- 2,080,613; Lange Bruno. Light operated electric photometer. Issued 5-18-37. (28)
- 2,080,619; Majer Christian. Method and machine for manufacturing paper tubes especially conical tubes. Issued 5-18-37. (28)
- 2,080,635; All. Baumwollspinnerei Gronau. Device for mercerizing cellulose fibers of all kinds. Issued 5-18-37. (28)
- 2,080,643; All. Vomag Betriebs A G. Multiple spindle boring machine. Issued 5-18-37. (28)
- 2,080,777; Lebensart Salamon. Explosive projectile. Issued 5-18-37. (6)
- 2,080,901; Nagatsuka Masanori; Takahashi Hideaki et al. Apparatus for showing pictures. Issued 5-18-37. (39)
- 2,080,951; Pfeiffer Paul. Pile driver. Issued 5-18-37. (28)
- 2,080,952; Rathje Johannes. Rotary table and drive therefor. Issued 5-18-37. (28)
- 2,080,953; Rensch Carl Friedrich. Instrument for indicating foreign matter in gases. Issued 5-18-37. (28)
- 2,080,967; Jona Alberto. Airplane. Issued 5-18-37. (38)
- 2,081,007; Geissen Carl. Railway train chassis. Issued 5-18-37. (28)
- 2,081,008; All. Deutsche Telephonwerke und. Calculating machine. Issued 5-18-37. (28)
- 2,081,060; Modigliani Piero. Process for the mechanical production of glass felt. Issued 5-18-37. (38)
- 2,081,137; Dornier Claude. Flying machine. Issued 5-25-37. (28)
- 2,081,148; Meininghaus Ulrich. Disk construction for radial flow machines. Issued 5-25-37. (28)
- 2,081,150; Meininghaus Ulrich. Disk construction for radial flow machines. Issued 5-25-37. (28)
- 2,081,205; Marsiske Hans. Radio circuit. Issued 5-25-37. (28)
- 2,081,274; All. Lorenz C A G. Antenna structure. Issued 5-25-37. (28)
- 2,081,327; Franz Ehrhart. Process for bleaching. Issued 5-25-37. (28)
- 2,081,355; All. I G Farbenindustrie A G. Process of preparing glyoxylic acid. Issued 5-25-37. (28)
- 2,081,404; All. Losenhausenwerk. Process and apparatus for applying alternating positive and negative loads. Issued 5-25-37. (28)
- 2,081,406; Mazza Edoardo. Method for concentrating and separating the components of gaseous mixtures. Issued 5-25-37. (38)
- 2,081,429; Gaede Wolfgang. Electron tube and method of operating the same. Issued 5-25-37. (28)
- 2,081,458; Lentz Hugo. Cam actuated poppet valve gear. Issued 5-25-37. (28)
- 2,081,460; Lorentz Valentin. Tobacco cutting device. Issued 5-25-37. (28)
- 2,081,477; Egersdorfer Fritz. Pump. Issued 5-25-37. (28)
- 2,081,481; All. Gschopf Richard. Process for the production of natural colored images on paper and diapositives cinematographic films. Issued 5-25-37. (6)
- 2,081,484; All. Tsuji Minato. Cooling system of internal combustion engines. Issued 5-25-37. (39)
- 2,081,506; All. Bohme Fettchemie GmbH. Process for producing aliphatic carbonyl compounds. Issued 5-25-37. (28)
- 2,081,541; Joosten Hugo. Process for solidifying soils. Issued 5-25-37. (28)
- 2,081,649; Stuberkrub Franz. Paddle wheel propeller for ships. Issued 5-25-37. (28)
- 2,081,712; Rohmann Carl. Local anaesthetically active pharmaceutical preparation and method of preparing the same. Issued 5-25-37. (28)
- 2,081,807; All. Maschinenfabrik A Weiss & Co. Knife blade for meat cutters or the like. Issued 5-25-37. (6)
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- 2,081,894; All. Patent Treuhand Ges Fur Elektrische. Resistance body made from semi conductive substances. Issued 5-25-37. (28)
- 2,081,926; Gyuris Janos. Primary element. Issued 6-1-37. (34)
- 2,081,996; All. Austro Daimler Puchwerke A G. Rail vehicle. Issued 6-1-37. (6)
- 2,082,021; All. Deutsche Perrot Bremse GmbH. Automatic brake adjusting mechanism. Issued 6-1-37. (28)
- 2,082,040; Wilkens Fredrik Wilhelmson. Power transmission. Issued 6-1-37. (28)
- 2,082,126; Schulz Rudolf. Method of manufacturing porous metallic bodies. Issued 6-1-37. (28)
- 2,082,154; All. I G Farbenindustrie A G. Apparatus for projecting lenticular film. Issued 6-1-37. (28)
- 2,082,155; Errera Attilio. Cash register and computing machine. Issued 6-1-37. (38)
- 2,082,198; All. Saatgut Erzeugungs GmbH. Method of producing animal feed. Issued 6-1-37. (28)
- 2,082,215; Otto Carl. Regenerative coke oven. Issued 6-1-37. (28)
- 2,082,277; Dierfeld Benno R. Brake for motor vehicles. Issued 6-1-37. (28)
- 2,082,284; Goetz Carl. Process for extracting metals from ores. Issued 6-1-37. (28)
- 2,082,385; All. Lieberknecht GmbH. Production of hosiery. Issued 6-1-37. (28)
- 2,082,399; Modiano Ettore, Isman Umberto et al. Railway sleeper. Issued 6-1-37. (38)
- 2,082,456; All. Kiangfilm GmbH. Arrangement for recording reproducing and printing films. Issued 6-1-37. (28)
- 2,082,548; Pape Wilhelm. Action for keyboard instruments. Issued 6-1-37. (28)
- 2,082,849; Rudmann Demeter. Depth regulator for submarine mines in tidal waters. Issued 6-8-37. (38)
- 2,082,915; Sontag Oskar. Ampul of the multiple compartment type. Issued 6-8-37. (28)
- 2,082,962; Kehr Wilhelm; Lesjal, Michael et al. Developing tank for roll films. Issued 6-8-37. (28)
- 2,083,097; Sandt Julius. Cutting press. Issued 6-8-37. (28)
- 2,083,111; Benschmidt Karl Jr. Dowel for lasts. Issued 6-8-37. (28)
- 2,083,124; Rambold Adolf. Machine for making filling closing and wrapping bags. Issued 6-8-37. (28)
- 2,083,166; Jonkhoff Henri Wouter. Bogie vehicle steering mechanism. Issued 6-8-37. (28)
- 2,083,193; All. Grassian. Bruder. Device for preparing dyestuff solutions. Issued 6-8-37. (11)
- 2,083,201; Poppe Wilhelm. Process for the production of patterned rubber slabs for covering floors walls and ceilings. Issued 6-8-37. (28)
- 2,083,206; Schoeller Waither. Safety paper. Issued 6-8-37. (28)
- 2,083,287; Birkenstein Ferdinand. Frames of spectacles and the like. Issued 6-8-37. (28)
- 2,083,302; Kimura Kintaro. Manufacture of canned refreshing food. Issued 6-8-37. (39)
- 2,083,347; Eickemeyer Rudolf; Scholler Heinrich et al. Method of fermenting solutions and producing yeast. Issued 6-8-37. (28)
- 2,083,348; Eickemeyer Rudolf; Scholler Heinrich et al. Apparatus for the production of micro organisms and for the fermentation of solutions. Issued 6-8-37. (28)
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- 2,083,482; All. I G Farbenindustrie A G. Carbocyclic compounds containing acid salt forming groups. Issued 6-8-37. (28)
- 2,083,601; Haberfeld Erwin Otto. Bookkeeping leaf. Issued 6-15-37. (28)
- 2,083,652; Kaselitz Oskar. Separate recovery of potassium. Issued 6-15-37. (28)
- 2,083,653; Kasemann Erwin. Transmission system. Issued 6-15-37. (28)
- 2,083,654; Kochmann Wilhelm. Braking system. Issued 6-15-37. (28)
- 2,083,702; Franzen Karl August. Trunk lock. Issued 6-15-37. (28)
- 2,083,757; Vogel Max. Card filing system. Issued 6-15-37. (28)
- 2,083,905; Grab Carl. Air moistener. Issued 6-15-37. (28)
- 2,083,908; Matsumura Konomu, Ishihara Kiyoyuki; Hata Sahachiro et al. Method of preparing 9 amino 3 6 dimethoxy 10 methyl acridinium chlorides. Issued 6-15-37. (39)
- 2,083,960; Nakanishi Kinsaku. Apparatus and method for simultaneously manufacturing brocades and pattern cards. Issued 6-15-37. (39)
- 2,083,990; All. Telephon apparat fabrik E Zwietsch. Measuring device. Issued 6-15-37. (28)
- 2,084,004; Riccioni Bindo. Method and apparatus for producing special electric fields. Issued 6-15-37. (38)
- 2,084,065; All. Wormser Arthur. Sheet feeding machine. Issued 6-15-37. (28)
- 2,084,111; Schicht Friedrich. Axial flow fan or pump. Issued 6-15-37. (28)
- 2,084,116; Zaruba Antonin Jan. Resilient constructional element. Issued 6-15-37. (6)
- 2,084,201; Karolus August. Light rela. Issued 6-15-37. (28)
- 2,084,217; All. Tabbrica Italiana Magneti Marelli. Radio receiver scale. Issued 6-15-37. (38)
- 2,084,250; Fritze Albrecht. Process for the production of starch. Issued 6-15-37. (28)
- 2,084,282; Schmidt Alexander Hugo. Steam generator for cloth pressing and steaming devices. Issued 6-15-37. (28)
- 2,084,286; Dobowolny Josef. Rail joint. Issued 6-15-37. (6)
- 2,084,292; Steiner Rudolf. Compact. Issued 6-15-37. (6)
- 2,084,429; All. Voran Automobilbau A G. Steering wheel drive for power vehicles. Issued 6-22-37. (28)
- 2,084,473; All. Leitz Ernst GmbH. Camera film guiding mechanism. Issued 6-22-37. (28)
- 2,084,509; All. Lorenz C A G. Voltage controlling arrangement. Issued 6-22-37. (28)
- 2,084,517; Vogel Hans. Pneumatic insert for shoes. Issued 6-22-37. (28)
- 2,084,533; Lerner Friedrich. Machine for packing zigzag interfolded paper leaves in cardboard covers. Issued 6-22-37. (6)
- 2,084,539; Schneider Julius. Machine for producing justified lines of printing types. Issued 6-22-37. (28)
- 2,084,639; All. Simplex Schiebefenster GmbH. Sash window. Issued 6-22-37. (28)
- 2,084,676; Friz Adolf. Machine for the gluing together of the edges of veneer sheets. Issued 6-22-37. (28)
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- 2,084,702; All. Soc. Italiana Pirelli. Method of making extruded rubber articles from aqueous dispersions of rubber. Issued 6-22-37. (38)
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- 2,084,728; Eberhardt Alois. Indexing device for data on a circulating band. Issued 6-22-37. (28)
- 2,084,947; All. Selenophon Licht und. Apparatus for reproducing sounds recorded on strips. Issued 6-22-37. (6)
- 2,084,956; Hessel Karl. Method of preserving preliminarily dried fruit. Issued 6-22-37. (28)
- 2,085,081; Curry Manfred H. Weather indicator. Issued 6-29-37. (28)
- 2,085,188; All. Klangfilm GmbH. Film developing apparatus. Issued 6-29-37. (28)
- 2,085,205; All. Klangfilm GmbH. Method and means to scan sound films with a plurality of scanners. Issued 6-29-37. (28)
- 2,085,252; Danjel Karl. Device for automatically transmitting and recording messages. Issued 6-29-37. (28)
- 2,085,265; All. Telephon Apparat Fabrik E Zwietusch. Control station for postal pneumatic tube plants. Issued 6-29-37. (28)
- 2,085,297; Deibel Gottfried. Discharging device for gases and vapors. Issued 6-29-37. (28)
- 2,085,353; All. Gothaer Waggonfabrik A G. Conveyance for transporting railway cars and the like by road. Issued 6-29-37. (28)
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- 2,085,656; All. Schubert & Salzer Maschinenfabrik A G. Auxiliary presser for flat knitting machines. Issued 6-29-37. (28)
- 2,085,709; All. I G Farbenindustrie A G. Composition for combating foam. Issued 6-29-37. (28)
- 2,085,771; Soprani Mario. Accordion. Issued 7-6-37. (38)
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- 2,085,904; All. Klangfilm GmbH. 1 pressure roller for film handling apparatus. Issued 7-6-37. (28)
- 1,085,952; Cauer Wilhelm et al; Glowatzki Ernst. Artificial network. Issued 7-6-37. (28)
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- 2,086,033; Huttner Fritz. Power plant. Issued 7-6-37. (28)
- 2,086,064; Carpoz Johannes Denedict. Process for preparing chemically active artificial asphalt. Issued 7-6-37. (28)
- 2,086,072; All. Verwertung Fauth Scher Patente MmbH. Process for dehydrating and rendering flesh. Issued 7-6-37. (28)
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- 2,086,162; All. Junkers Therese. Free piston motor compressor. Issued 7-6-37. (28)
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- 2,086,171; All. Bayesische Stickstoff Werke A G. Process of treating the residual gases formed in the production of calcium cyanamide from ammonia. Issued 7-6-37. (28)
- 2,086,183; Gellner Ludwig et al; Gellner Anton. Apparatus for spraying of colors and the like. Issued 7-6-37. (28)
- 2,086,208; Brekelbaum Erwin Carl. Helmet for electric arc welders. Issued 7-6-37. (28)
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- 2,086,228; All. Junkers Therese. Free piston motor compressor. Issued 7-6-37. (28)
- 2,086,284; All. Krause Drnst & Co A G. Precision boring machine. Issued 7-6-37. (6)
- 2,086,285; All. Industriegas A G Verwertung. Mouthpiece for hollow strand presses for the production of closed hollow bricks from plastic materials. Issued 7-6-37. (28)
- 2,086,300; Moffa Cesare. Packing for glass bulbs or phials. Issued 7-6-37. (38)
- 2,086,319; Koch Paul. Sheet fed intaglio rotary printing machine. Issued 7-6-37. (28)
- 2,086,321; All. Kobe Seikoshu Co Ltd. Spring. Issued 7-6-37. (39)
- 2,086,339; Sosso Giulio. Magazine for firearms. Issued 7-6-37. (38)
- 2,086,407; All. Mauser Werke A G. Cutting device for sewing machines. Issued 7-6-37. (28)
- 2,086,448; Takata Akira. Fiber dressing machine. Issued 7-6-37. (39)
- 2,086,466; Bruhl Paul Dec. Two row ball bearing. Issued 7-6-37. (28)
- 2,086,470; Campani Nello. Antiskid attachment for the wheels of vehicles. Issued 7-6-37. (38)
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- 2,086,809; Kreis Fritz. Universal gear. Issued 7-13-37. (28)
- 2,086,859; All. I G Farbenindustrie A G. Printing of lenticular film. Issued 7-13-37. (28)
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- 2,086,947; Schmid Max. Mechanical toy. Issued 7-13-37. (28)
- 2,086,963; Scholler Heinrich. Apparatus for the saccharification of cellulose. Issued 7-13-37. (28)
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- 2,087,184; All. Maybach Motorenbau GmbH. Ball and roller bearing. Issued 7-13-37. (28)
- 2,087,213; All. Schering Kahlbaum A G. Acyl derivatives of phenols and a method of producing the same. Issued 7-13-37. (28)
- 2,087,229; Baffi Giuseppe. Gas meter. Issued 7-20-37. (38)
- 2,087,277; All. Madaus Dr & Co. Production of preparations containing the volatile constituents of vegetable products. Issued 7-20-37. (28)
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- 2,087,420; Wiederholt Vincenz. Clamp for clotheslines and the like. Issued 7-20-37. (28)
- 2,087,461; Wittenberg Siegbert. Fastener attaching machine. Issued 7-20-37. (28)
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- 2,087,650; All. Elite Diamantwerke A G. Pearl knitting machine. Issued 7-20-37. (28)
- 2,087,657; Schmidt Hermann. Freewheel hub with coaster brake and locking means therefor. Issued 7-20-37. (28)
- 2,087,676; Schimmel Friedrich. Apparatus for sealing preserving glasses and similar vessels. Issued 7-20-37. (28)
- 2,087,677; Seifer Theo. Boring motor. Issued 7-20-37. (28)
- 2,087,701; Ohmoto Torajiro. Tens carrying mechanism. Issued 7-20-37. (39)
- 2,087,762; Krefft Hermann. Glass composition for electric gaseous discharge devices. Issued 7-20-37. (28)
- 2,087,802; Krucsay Dezzo de Bayer. Light filter. Issued 7-20-37. (34)
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- 2,087,916; Lanninger Karl Ludwig. Pipe joint. Issued 7-27-37. (28)
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- 2,087,997; All. Wormser Arthur. Sheet feeding mechanism. Issued 7-27-37. (28)
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- 2,088,047; All. Lorenz C A G. Spool unit for electromagnetic talking machines. Issued 7-27-37. (28)
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- 2,088,144; Kuhlmann Hermann August; Tochtermann Ulrich et al. Hydraulic press especially for producing palate plates. Issued 7-27-37. (28)
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- 2,088,218; All. Stotz Kontakt GmbH. Electrical fitting. Issued 7-27-37. (28)
- 2,088,233; Colloseus Beinrich. Positive electrode for galvanic cells. Issued 7-27-37. (28)
- 2,088,236; Faber Ernst. Portable vacuum cleaner. Issued 7-27-37. (28)
- 2,088,257; Beisser Georg Dec. Device for pickling meat with the aid of pickling brine to be introduced into the latter. Issued 7-27-37. (28)



- 2,088,261; Dienenthal Herbert. System of control for groups of gate valves or the like. Issued 7-27-37. (28)
- 2,088,263; Grouven Paul. Shoe. Issued 7-27-37. (28)
- 2,088,267; All. Elact Ges Fur Elektrische apparatus. Process of reducing by washing the acidity of dairy products. Issued 7-27-37. (6)
- 2,088,276; All. Siemens Schuckertwerke A G. System for the conversion of heat. Issued 7-27-37. (28)
- 2,088,277; Normelli Wulff Berzelius. Absorption refrigerating apparatus. Issued 7-27-37. (28)
- 2,088,279; Plachmann Josef. Device for keeping outbursts of fire in film projectors under local control. Issued 7-27-37. (28)
- 2,088,282; Van Royen Herman Johan. Process for the production of rails. Issued 7-27-37 (28)
- 2,088,294; Geiger Hellmut. Sand trap. Issued 7-27-37. (28)
- 2,088,324; All. Electroacoustic GmbH. Magneto strictive electromechanical sound device. Issued 7-27-37. (28)
- 2,088,331; All. Allgauer Alpenmilch A G. Food for infants and the like and the process of making same. Issued 7-27-37.
- 2,088,339; Preinerstorfer Franz. Optical arrangement for use in color photography. Issued 7-27-37. (6)
- 2,088,345; Ritzerfeld Wilhelm. Automatic feeding device for feeding sheets of paper. Issued 7-27-37. (28)
- 2,088,346; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 7-27-37. (28)
- 2,088,347; All. Boehringer C H Sohn A G Chemische. Manufacture of anhydrides of citraconic acid and itaconic acid. Issued 7-27-37. (28)
- 2,088,977; Eickmeyer Rudolf; Scholler Heinrich et al. Apparatus for removing residues. Issued 8-3-37. (28)
- 2,088,984; All. Haubold C G Akg. Setting device for the entry section of tensioning or tentering and drying machines for webs. Issued 8-3-37. (28)
- 2,089,003; Sack Hans. Friction variable speed gear. Issued 8-3-37. (28)
- 2,089,116; Dyckerhoff Hanns. Process for treating coffee. Issued 8-3-37. (28)
- 2,089,159; All. I G Farbenindustrie Akg. Manufacture of artificial threads. Issued 8-3-37. (28)
- 2,089,304; Stein Paul. Jet pipe for fire extinguishing purposes with a widening mouthpiece. Issued 8-10-37. (28)
- 2,089,330; All. Leitz Ernst GmbH. Motion picture film cassette. Issued 8-10-37. (28)
- 2,089,444; All. I G Farbenindustrie A G. Polymerized styrene. Issued 8-10-37. (28)
- 2,089,540; Dallenbach Walter. Mercury vapor rectifier. Issued 8-10-37. (28)
- 2,089,541; Dallenbach Walter. Electrode lead in for metal vacuum vessels. Issued 8-10-37. (28)
- 2,089,542; Dallenbach Walter. Electric vacuum discharge apparatus. Issued 8-10-37. (28)
- 2,089,588; Von Mihaly Denes. Television apparatus. Issued 8-10-37. (28)
- 2,089,601; Faber Ernst. Vacuum cleaner. Issued 8-10-37. (28)
- 2,089,615; Mayer Reinhold. Racing shoe. Issued 8-10-37. (28)
- 2,089,623; Semmler Kurt. Stocking. Issued 8-10-37. (28)
- 2,089,628; Still Carl. Carbonizing retort for use in coke and gas producing chamber ovens. Issued 8-10-37. (28)
- 2,089,638; Becker Wilhelm. Device for connecting bands to wrist watches. Issued 8-10-37. (28)
- 2,089,646; Friedrich Wilhelm. Apparatus for producing a fire extinguishing foam. Issued 8-10-37. (28)
- 2,089,677; Von Kramolin Leon Ladislaus et al; Spanner Hans Joachim. Device for tracing the movements of objects. Issued 8-10-37. (28)
- 2,089,714; Schuler Max. Holding device. Issued 8-10-37. (28)
- 2,089,723; All. Radiologie A G. High tension proof rontgen tube. Issued 8-10-37. (28)
- 2,089,751; Lang Otto. Method of manufacturing pressureproof insulating bodies especially for electrolytic cells. Issued 8-10-37. (28)
- 2,089,752; Lang Otto. Pressureproof insulating bodies especially for electrolytic cells. Issued 8-10-37. (28)
- 2,089,756; All. Knorr Bremse A G. Device for increasing the speed of transmission of pressure alteration impulses in pneumatic brake pipes. Issued 8-10-37. (28)
- 2,089,761; All. Maschinenfabrik Augsburg. Resilient shock absorbing cushioning of engines. Issued 8-10-37. (28)
- 2,089,827; Dornier Claude. Rotary wing flying machine. Issued 8-10-37. (28)
- 2,089,874; All. Glashutte Brehmenstall. Dropping bottle. Issued 8-10-37. (28)
- 2,089,889; Giordani Raffaele. Sheet metal structure for cycles. Issued 8-10-37. (38)
- 2,089,898; Kappler Felix. Production of corrugated cardboard. Issued 8-10-37. (28)
- 2,089,915; Gilli Paul. Accumulator plant. Issued 8-10-37. (6)
- 2,089,927; Stechert Hermann. Antidazzle headlight. Issued 8-10-37. (28)
- 2,089,998; Gerdts Gustav. Steam trap. Issued 8-17-37. (28)
- ; Alloys.
- 2,090,074; Rohn Wilhelm. Induction furnace. Issued 8-17-37. (28)
- 2,090,098; All. Jenaer Glaswerk Schott & Gen. Glass resisting metal vapors. Issued 8-17-37. (28)
- 2,090,126; Hugel Ernst. Automatic fire extinguishing apparatus. Issued 8-17-37. (28)
- 2,090,252; Damm Walter Dec. Automatic tobacco weigher. Issued 8-17-37. (28)
- 2,090,361; Steinmetz Fritz. Printing press. Issued 8-17-37. (28)
- 2,090,381; Zagorski Johann. Valve. Issued 8-17-37. (28)
- 2,090,385; Faigle Friedrich et al; Faigle Carl. Device for the treatment of hanks of yarn particularly for the dyeing thereof. Issued 8-17-37. (6)
- 2,090,389; Kunststadter Vilmos. Photoprinting and developing apparatus. Issued 8-17-37. (34)
- 2,090,392; Meuth Hermann. Suction device for chimneys. Issued 8-17-37. (28)
- 2,090,415; Homey Gerhard. Method of and apparatus for manufacturing wooden vessels. Issued 8-17-37. (28)
- 2,090,441; All. I G Farbenindustrie A G. Device for illuminating lenticular film. Issued 8-17-37. (28)
- 2,090,450; Kigel Gustav. Photographic dusting on process by the employment of acetals as the light sensitive material. Issued 8-17-37. (28)
- 2,090,451; Kruth Oslas. Manufacture of aluminum. Issued 8-17-37. (6)
- 2,090,452; All. Pfennig Schumacher Werke GmbH. Transparent molded article from casein and urea formaldehyde condensation products. Issued 8-17-37. (28)
- 2,090,502; Oshima Ryoji. Method and apparatus for manufacturing cut filament sliver from continuous filament tape. Issued 8-17-37. (39)
- 2,090,535; Knoll Werner. Process and apparatus for the production of seamless tubes. Issued 8-17-37. (28)
- 2,090,727; All. Concordia Elektrizitats A G. Foam producing device. Issued 8-24-37. (28)
- 2,090,728; All. Klockner Werke A G. Sheet piling. Issued 8-24-37. (28)
- 2,090,753; All. Tobis Tonbild Syndikat A G. Recording of sound. Issued 8-24-37. (28)
- 2,090,820; All. Lorenz C A G. Method of modulating high frequency transmitters. Issued 8-24-37. (28)
- 2,090,894; Matuenaga Yonosuke. Aluminium alloy. Issued 8-24-37. (39)
- 2,090,895; Matuenaga Yonosuke. Aluminium alloy. Issued 8-24-37. (38)
- 2,090,899; Roesch Karl et al; Schleimer Otto Josef. Manufacture of articles from malleable cast iron. Issued 8-24-37. (28)
- 2,090,901; All. I G Farbenindustrie A G. Composition of matter containing chlorinated caoutchouc. Issued 8-24-37. (28)
- 2,090,902; All. Freudenberg Carl GmbH. Method of producing fibrous materials from animal skins. Issued 8-24-37. (28)
- 2,090,904; Singer Emil. Dental matrix. Issued 8-24-37. (6)
- 2,091,029; All. Piaggio & Co S A. Adjustable propeller. Issued 8-24-37. (38)
- 2,091,097; All. Iris Type GmbH. Method of stamping printing type with aligning marks. Issued 8-24-37. (28)
- 2,091,115; All. Zwietsch Telephon Apparat. Substation telephone circuit. Issued 8-24-37. (28)
- 2,091,133; All. Mercedes Buromaschinen Werke A G. Typewriting calculating machine typewriting machine or the like. Issued 8-24-37. (28)
- 2,091,210; Mattia Pietro. Change speed mechanism. Issued 8-24-37. (38)
- 2,091,211; Mattia Pietro. Change speed mechanism. Issued 8-24-37. (38)
- 2,091,293; Steuermann Sergey. Process for introducing liquids into loose material. Issued 8-31-37. (28)
- 2,091,325; All. I G Farbenindustrie A G. Production of casein glue and casein glue preparation. Issued 8-31-37. (28)
- 2,091,334; All. Gessner Ernst A G. Silver bobbin. Issued 8-31-37. (28)
- 2,091,370; All. Junders Flugzeug Und. Internal combustion engine. Issued 8-31-37. (28)
- 2,091,415; All. Mauser Maschinenbau GmbH. Internal construction of ships. Issued 8-31-37. (28)
- 2,091,573; Theobald Ernst. Process for the manufacture of aromatic compounds containing selenium nitrogen and sulphur and products produced thereby. Issued 8-31-37. (28)
- 2,091,587; All. Schmidtsche Heissdampf GmbH. Revolving grate. Issued 8-31-37. (28)
- 2,091,589; Finzi Gino. Fire extinguishing bomb. Issued 8-31-37. (38)
- 2,091,661; Grill Leopold; Van Forster Hermann et al. Calculating device. Issued 8-31-37. (28)
- 2,091,727; All. Wurker GmbH. Multiple head embroidery machine. Issued 8-31-37. (28)
- 2,091,739; All. Eisen U Stahlwerk Walter Peyinghaus. Oil and dust packing for rotating axles and shafts. Issued 8-31-37. (28)
- 2,091,747; All. Fiat S A. Packing for vehicle doors. Issued 8-31-37. (38)
- 2,091,861; Junge Alfred. Wooden mast. Issued 8-31-37. (28)
- 2,091,871; All. Braunschweiger Huttenwerk GmbH. Method of welding alloys to a base metal. Issued 8-31-37. (28)
- 2,091,872; Muller Heinrich. Toy vehicle. Issued 8-31-37. (28)
- 2,091,884; Rottner Emil. Method and apparatus for defrosting refrigerators. Issued 8-31-37. (28)
- 2,091,896; Ubbelohde Leo. Arrangement for testing the viscosity of liquid materials. Issued 8-31-37. (28)
- 2,092,073; All. I G Farbenindustrie A G. Production of ammonium sulphate in the form of scales. Issued 9-7-37. (28)
- 2,092,123; Kaseltz Oskar. Method of producing fertilizers. Issued 9-7-37. (28)

<sup>1</sup> So in the original document.

- 2,092,133; Neumann Willy. Method of producing sensitive electrical resistances. Issued 9-7-37. (28)
- 2,092,141; Rowold Otto. Bow for handbags. Issued 9-7-37. (28)
- 2,092,142; Schuz Hans. Automatic machine tool control. Issued 9-7-37. (28)
- 2,092,186; All. Sachsische Textilmaschinenfabrik. Device on combing machines for piecing the tufts of slivers. Issued 9-7-37. (28)
- 2,092,203. All. I G Farbenindustrie A G. Process for the desulphurization and after treatment of viscose artificial silk. Issued 9-7-37. (28)
- 2,092,215. Jung Karl. Automatic internal grinding machine. Issued 9-7-37. (28)
- 2,092,216; Junghans Helmut. Balance spring arrangement for clockworks. Issued 9-7-37. (28)
- 2,092,218; Kitsuda Kenzo. Portable electric lamp with igniter. Issued 9-7-37. (39)
- 2,092,339; Stéenbeck Wilhelm. Electric motor. Issued 9-7-37. (28)
- 2,092,340; All. Haubold C G A G. Fabric feed control. Issued 9-7-37. (28)
- 2,092,383; All. Ruhrchemie A G. Process for the production of alkali metal nitrates by reaction of alkali metal chlorides and nitric acid. Issued 9-7-37. (28)
- 2,092,407; All. Klangfilm GmbH. Method of noiseless recording. Issued 9-7-37. (28)
- 2,092,419; All. Shinagawadenki Kabushiki Kaisha. Radio receiving system. Issued 9-7-37. (39)
- 2,092,588; All. Leitz Ernst GmbH. Light gauge for photometers. Issued 9-7-37. (28)
- 2,092,594; Silberknopf Hans. Pyrophoric lighter. Issued 9-7-37. (6)
- 2,092,624; Memelsdorf Max. Multiple brush selector. Issued 9-7-37. (28)
- 2,092,675; Koch Fritz. Multiumit variable condenser. Issued 9-7-37. (28)
- 2,092,676; Kolbe Joachim. Motor vehicle. Issued 9-7-37. (28)
- 2,092,702; All. Studiengesellschaft Fur. Process for rendering textiles water repellent. Issued 9-7-37. (28)
- 2,092,782; Serafinowicz Oscar. Collapsible open air swimming bath. Issued 9-14-37. (28)
- 2,092,826; All. Metrawatt A G. Photoelectric exposure meter. Issued 9-14-37. (28)
- 2,092,868; All. Klangfilm GmbH. Recording of sound. Issued 9-14-37. (28)
- 2,092,901; All. Vereinigte Deutsche Metallwerke A G. Nose cap. Issued 9-14-37. (28)
- 2,093,027; Boenecke Alfred. Fastener. Issued 9-14-37. (28)
- 2,093,054; Negrini Bruno; blade member for rigid roller blinds. Issued 9-14-37. (38)
- 2,093,058; All. Soc Italiana Ernesto Breda Per. Portable firearms for firing bombs. Issued 9-14-37. (38)
- 2,093,059; Schroder Erwin. Apparatus for drying safety razors. Issued 9-14-37. (28)
- 2,093,068; All. Deuta Werke Vorm Deutsche. Mileage counter. Issued 9-14-37. (28)
- 2,093,075; Dominici Ettore. Comb with receptacle for liquids. Issued 9-14-37. (38)
- 2,093,086; Luzzatto Ruggero. Manifold stack. Issued 9-14-37. (38)
- 2,093,098; Renck Heinrich. Method for producing chemicals especially amalgamated printing plates. Issued 9-14-37. (28)
- 2,093,100; All. Montecatini Soc Generale Per. Process for the purification of synthetic camphor. Issued 9-14-37. (38)
- 2,093,101; Sandler Theodor. Cleaning device. Issued 9-14-37. (28)
- 2,093,120; All. Taeschner E Chem Pharm Fabrik. Barbituric acid compound. Issued 9-14-37. (28)
- 2,093,138; Riesebeck Curt. Apparatus for feeding articles to machines. Issued 9-14-37. (28)
- 2,093,140; All. I G Farbenindustrie A G. Manufacture of artificial silk. Issued 9-14-37. (28)
- 2,093,141; Sonalla Waldemar. Hydraulic weighing device. Issued 9-14-37. (28)
- 2,093,157; Nakashima Tomomasa et al; Takayanagi Kenjiro. Television receiving system. Issued 9-14-37. (39)
- 2,093,176; All. Kaiser Wilhelm Institut Fur. Treatment of raw phosphates. Issued 9-14-37. (28)
- 2,093,208; All. Dortmund Hoerder Huttenverein A G. Method of making sheet metal piling. Issued 9-14-37. (28)
- 2,093,221; Dunnebler Max; Winkler Alfred et al. Device for applying liquid adhesive to paper and similar materials. Issued 9-14-37. (28)
- 2,093,244; Kocks Fritz. Tube rolling mill. Issued 9-14-37. (28)
- 2,093,255; Stahlecker Wilhelm. Spindle bearing. Issued 9-14-37. (28)
- 2,093,281; Kreuser Adolf dec. Friction coupling. Issued 9-14-37. (28)
- 2,093,299; Zimmermann Otto. Photographic view finder. Issued 9-14-37. (28)
- 2,093,889; Lindner Herbert. Radio signals. Issued 9-21-38. (28)
- 2,094,534; All. Halle Horst Gunther. Device to be worn in the ear for eliminating or damping noise reaching the ear of the wearer. Issued 9-28-37. (28)
- 2,094,541; Kolbe Joachim. Steering arrangement for motor vehicles. Issued 9-28-37. (28)
- 2,094,564; All. Deutsche Hydrierwerke A G. Antifreezing liquid. Issued 9-28-37. (28)
- 2,094,715; Nagele Karl Friedrich. Apparatus for the manufacture of zip fasteners. Issued 10-5-37. (28)
- 2,094,718; All. Bahlsens H Keksfabrik A G. Waffle cutting machine. Issued 10-5-37. (28)
- 2,094,723; All. I G Farbenindustrie A G. Recording sound photographically. Issued 10-5-37. (28)
- 2,094,741; Grussendorf Hanns et al; Varren Alexander. Traffic light post. Issued 10-5-37. (28)
- 2,094,798; All. Deutsche Waffen Und. Press. Issued 10-5-37. (28)
- 2,094,801; Mass Willy. Roof for gardens. Issued 10-5-37. (28)
- 2,094,902; All. Sachtleben A G Fur Bergbau und. Process of producing barium sulphate from barium sulphide. Issued 10-5-37. (28)
- 2,094,937; Aivaz Boris. Paper coll. Issued 10-5-37. (34)
- 2,094,938; Blatzheim Johann. Delivery device for rotary printing machines. Issued 10-5-37. (28)
- 2,094,944; Hansen Siegfried Egger. Exhibiting means for weighing scales. Issued 10-5-37. (6)
- 2,094,950; All. Remy Van Der Zypen & Co. Guiding and holding of long metal bands. Issued 10-5-37. (28)
- 2,094,954; Kleinmann Ernst; Mendel Alfred et al. Electrical connecting cap. Issued 10-5-37. (28)
- 2,094,959; Pulidori Palmiro. Burner for liquid fuels. Issued 10-5-37. (38)
- 2,094,996; All Lowenstein Alfons. Sawing machine. Issued 10-5-37. (28)
- 2,095,118; Basler Hermann. Device for the manufacture of plates sheets or slabs of various properties from vegetable fibrous pulp. Issued 10-5-37. (28)
- 2,095,122; Beria Antonio. Method of winding artificial yarns. Issued 10-5-37. (38)
- 2,095,142; Lurenbaum Karl. Elastically suspended test bench for testing vehicle engines. Issued 10-5-37. (28)
- 2,095,160; Uchida Kiyoshi. Wall cabinet safe. Issued 10-5-37. (39)
- 2,095,163; Yamagishi Hatsutaro. Packed fire cracker. Issued 10-5-37. (39)
- 2,095,167; Burghauser Franz. Screw pump. Issued 10-5-37. (28)
- 2,095,168; Burghauser Franz. Axial pump. Issued 10-5-37. (28)
- 2,095,188; All. Deutsche Houghton Fabrik GmbH. Iron and steel cementing bath composition. Issued 10-5-37. (28)
- 2,095,193; Haar Otto. Eye protecting device. Issued 10-5-37. (6)
- 2,095,347; All. Maschinen Bau A G Golzern Grimma. Method of and apparatus for preparing in the pure state acetone ethyl alcohol and butyl alcohol from watery solutions. Issued 10-12-37. (28)
- 2,095,529; Pastor Carl Theodor. Process to make rubber thread and rubber thread textiles. Issued 10-12-37. (28)
- 2,095,530; All. Schlafhorst W and Co. Sorting apparatus. Issued 10-12-37. (28)
- 2,095,533; All. Junkers Therese. Method of producing arched metal panels. Issued 10-12-37. (28)
- 2,095,543; Doll Peter. Container for dental amalgams. Issued 10-12-37. (28)
- 2,095,549; Hoffmann Emmerich. Foldable spade and hoe. Issued 10-12-37. (34)
- 2,095,644; All. Barmer Maschinenfabrik A G. Double twist twisting spindle. Issued 10-12-37. (28)
- 2,095,734; Dornier Claude. Rotor flying machine. Issued 10-12-37. (28)
- 2,095,785; Biegenbein Marie. Device for connecting the ends of a neckerchief. Issued 10-12-37. (28)
- 2,095,838; Semmler Fridolin et al; Fischer Hans. Apparatus for manifold bookkeeping. Issued 10-12-37. (28)
- 2,096,173; Guerrini Renzo. Surgical clip applicator. Issued 10-19-37. (38)
- 2,096,243; All. Demag A G. Tube pushing bench. Issued 10-19-37. (28)
- 2,096,297; Bock Wilhelm; Goldner Hans et al. Refrigerating machine. Issued 10-19-37. (28)
- 2,096,326; Kengerer Karl. Molding plant. Issued 10-19-37. (28)
- 2,096,345; Schrem Albert. Tripping press. Issued 10-19-37. (28)
- 2,096,369; All. Muller Robert. Gas burner. Issued 10-19-37. (28)
- 2,096,410; Siegert Joachim. Container. Issued 10-19-37. (28)
- 2,096,440; Wetzlar Rudolf. Automatic charging device. Issued 10-19-37. (28)
- 2,096,445; All. Lorenz C. A G. Electromagnetic talking machine. Issued 10-19-37. (28)
- 2,096,451; Parodi Delfino Paolo. Nitrocellulose propellant powder containing triacetate of alkyl trimethylolmethane. Issued 10-19-37. (38)
- 2,096,515; All. Rauter Vita Zahnfabrik H Offene. Dental bridge. Issued 10-19-37. (28)
- 2,096,518; Janzen Otto. Self starting synchronous motor of low speed. Issued 10-19-37. (28)
- 2,096,524; All. Busch Emil A G Optische Industrie. Magnifying lens. Issued 10-19-37. (28)
- 2,096,630; Fiedler Else. Chute device for ash garbage and dust bins. Issued 10-19-37. (28)
- 2,096,815; All. Leitz Ernst GmbH. Camera. Issued 10-26-37. (28)
- 2,096,840; All. Siemens Schuckertwerke A G. High tension rubber insulated cable. Issued 10-26-37. (28)
- 2,096,856; All. Ihagee Kamerawerk Steenberg Co. Photographic lamp. Issued 10-26-37. (28)
- 2,096,870; All. Barmer Maschinenfabrik A G. Gear spinning pump. Issued 10-26-37. (28)
- 2,096,919; All. Universelle Cigarettemaschinen. Process for applying a wrapper by mechanical means to a cigar bunch. Issued 10-26-37. (28)



- 2,096,924; Schwarzkopf Paul. Composite structure product & method of making the same. Issued 10-26-37. (6)
- 2,096,973; All. Atlas Ago Chemische Fabrik A G. Method of producing paper having a mirror like luster. Issued 10-26-37. (28)
- 2,096,974; Rausch Martin. Reaping machine. Issued 10-26-37. (28)
- 2,097,002; All. Pohl Ernst. X ray tube. Issued 10-26-37. (28)
- 2,097,010; Arnegger Alfred. Tooth brush. Issued 10-26-37. (28)
- 2,097,024; Enders Walter. Production of a protective layer on iron. Issued 10-26-37. (28)
- 2,097,042; Rausch Gottfried. Vertical head dough divider & Molder. Issued 10-26-37. (28)
- 2,097,121; All. Lehmann & Voss Co. Process for prevention and removal of foam in the manufacture of paper. Issued 10-26-37. (28)
- 2,097,134; Schneider Ferdinand. Armature for small electric motors. Issued 10-26-37. (28)
- 2,097,275; Fischer Hellmuth. Glass composition for electrical discharge devices. Issued 10-26-37. (28)
- 2,097,283; Kohn Hans. Change speed mechanism. Issued 10-26-37. (28)
- 2,097,386; Schroder Edmund; Bock Georg et al. Electrode for electric arc welding. Issued 10-26-37. (28)
- 2,097,494; All. Leitz Ernst GmbH. Illuminating device for microscopes. Issued 11-2-37. (28)
- 2,097,577; All. Markes & Co. GmbH. Single phase alternating current motor. Issued 11-2-37. (28)
- 2,097,650; All. Drager Otto Heinrich. Device for detecting the presence of foreign gases or suspensions in air or gaseous medium. Issued 11-2-37. (28)
- 2,097,652; Vater Willy. Ball and cup game. Issued 11-2-37. (28)
- 2,097,726; All. I G Farbenindustrie A G. Process for the manufacture of sulphonic acids from aryl ethylenes and the products thereof. Issued 11-2-37. (28)
- 2,097,738; All. Toyo Cotton Mills Co Ltd. Skylight. Issued 11-2-37. (39)
- 2,097,740; All. Toho Kagakugogyo Kabushiki. Emergency stopping device for motor cars. Issued 11-2-37. (39)
- 2,097,747; All. Nihon Kogyo Kabushiki Kaisha. Reciprocating scraping machine. Issued 11-2-37. (39)
- 2,097,752; All. Leitz Ernst GmbH. Workshop microscope. Issued 11-2-37. (28)
- 2,097,762; All. Leitz Ernst. Microscope. Issued 11-2-37. (28)
- 2,097,814; Gotz Konrad. Mechanical toy. Issued 11-2-37. (28)
- 2,097,824; All. Sachsische Textilmaschinenfabrik. Combing machine for wool cotton and the like. Issued 11-2-37. (28)
- 2,097,836; Junghans Helmut. Mechanical time fuse having a centrifugal drive. Issued 11-2-37. (28)
- 2,097,851; Wenzl Richard. Air cooler. Issued 11-2-37. (28)
- 2,097,854; All. I G Farbenindustrie A G. Cyclopentadienone condensation compounds and process of making them. Issued 11-2-37. (28)
- 2,097,943; Zagorski Johann. Valve. Issued 11-2-37. (28)
- 2,097,971; All. I G Farbenindustrie A G. Process of producing an embossing roller for manufacturing lenticular film. Issued 11-2-37. (28)
- 2,097,969; All. Deutsche Erdo A G. Process of cracking hydrocarbons by means of catalysts. Issued 11-2-37. (28)
- 2,098,042; Horii Shinjiro. Stencil sheet. Issued 11-2-37. (39)
- 2,098,043; Horii Shinjiro. Stencil sheet. Issued 11-2-37. (39)
- 2,098,132; All Lindner Herbert. Mechanism for producing accurately pitched cutting on circular work. Issued 11-2-37. (28)
- 2,098,154; All. Telephon Apparat Fabrik E Zwietusch. Transfer device. Issued 11-2-37. (28)
- 2,098,159; All. Biagosch Karl. Cutting device. Issued 11-2-37. (28)
- 2,098,171; Van De Voorde Eugen. Impregnating and freshing up device for dry ink ribbons of typewriting machines. Issued 11-2-37. (28)
- 2,098,840; Thode Adolf. Nut lock. Issued 11-9-37. (28)
- 2,098,852; All. Naturin GmbH. Device for hardening structures produced from hide substance. Issued 11-9-37. (28)
- 2,098,862; Ebert Fritz et al; Ebert Erich. Safety razor with resilient detachable support. Issued 11-9-37. (28)
- 2,098,864; Forster Albert. Spur gear. Issued 11-9-37. (38)
- 2,098,889; Schmitz Carl. Separator with discharge of the centrifuged substance through a hollow spindle. Issued 11-9-37. (28)
- 2,098,895; Velten Wilhelm Lothar. Tamping machine. Issued 11-9-37. (28)
- 2,098,937; Brinkmann Heinrich. Ladle for casting fluid metal. Issued 11-16-37. (28)
- 2,099,045; Zoltos Georg. Method for charging high speed rotary furnaces. Issued 11-16-37. (28)
- 2,099,060; All. Wankerer Werke Vorm Winkelhofer &. Calculating machine. Issued 11-16-37. (28)
- 2,099,079; All. I G Farbenindustrie A/G. Production of coarsely crystalline ammonium sulphate. Issued 11-16-37. (28)
- 2,099,278; Schimanek Emil. Internal combustion engine. Issued 11-16-37. (34)
- 2,099,284; Strelow Max; Strelow Wilhelm et al. Gas valve construction. Issued 11-16-37. (28)
- 2,099,286; Usbeck Christian. Paste cutting roller. Issued 11-16-37. (28)
- 2,099,320; Stelkens Willy. Method of uniting curved bodies including boots and shoes. Issued 11-16-37. (28)
- 2,099,327; Lange Fritz; Brasch Arno et al. Apparatus for producing extremely fast corpuscular rays. Issued 11-16-37. (28)
- 2,099,360; All. Nihon Denki Kogyo Kabushiki Kaisha. Process of producing pure alumina and crude potassium sulphate from alunite. Issued 11-16-37. (39)
- 2,099,365; All. Krauss Friedrich Emil. Linen wringing machine. Issued 11-16-37. (28)
- 2,099,385; Ciamberlini Ugo. Pneumatic tachometer working independently of the external pressure. Issued 11-16-37. (38)
- 2,099,395; All. Lorenz C A G. System for high frequency transmissions. Issued 11-16-37. (28)
- 2,099,401; Jungmann Martin. Orthopedic correcting appliance. Issued 11-16-37. (6)
- 2,099,404; All. Kalle & Co A G. Light sensitive colloid layers and tanned pictures therefrom. Issued 11-16-37. (28)
- 2,099,449; All. Vereinigte Deutsche Metallwerke A G. Method of making dry cells. Issued 11-16-37. (28)
- 2,099,461; All. Monforts A. Fabric treating machine. Issued 11-16-37. (28)
- 2,099,589; Armbruster Ludwig. Skeleton structure. Issued 11-16-37. (28)
- 2,099,593; All. Buderus Sche Eisenwerke. Process for refining or separating electrically conductive liquids. Issued 11-16-37. (28)
- 2,099,602; Fischer Hellmuth. Luminescent glass. Issued 11-16-37. (28)
- 2,099,616; Muller Ludwig F; Zier Paul; Muck Otto et al. Time and zone metering device. Issued 11-16-37. (28)
- 2,099,641; Kurz Konrad; Bach Stefan et al. Gold leaf substitute. Issued 11-16-37. (28)
- 2,099,646; Busch Leo. Roll carrier for photographic strip film. Issued 11-16-37. (28)
- 2,099,699; Meininghaus Ulrich. Turbine. Issued 11-23-37. (28)
- 2,099,812; All. Koepp Rudolph Co Chemische. Manufacture of shaped products impermeable to moisture. Issued 11-23-37. (28)
- 2,099,968; Szikla Geza et al; Rozinek Arthur. Gas producer. Issued 11-23-37. (34)
- 2,099,976; All. I G Farbenindustrie A G. Manufacture of shaped articles. Issued 11-23-37. (28)
- 2,099,999; Bessert Christian. Slide pencil. Issued 11-23-37. (28)
- 2,100,037; Sandvoss Hermann. Thermostat. Issued 11-23-37. (28)
- 2,100,047; Plauson Hermann; Braun Karl et al. Process of manufacturing soap. Issued 11-23-37. (28)
- 2,100,063; All. Kalle & Co A G. Process for the production of tanned pictures. Issued 11-23-37. (28)
- 2,100,067; Sieber, Conrad; Cohn Henryk et al. Volumincously swellable substance and process of making same from waxes. Issued 11-23-37. (28)
- 2,100,081; All. Madaus Dr & Co. Process for the production of preparations containing the active constituents of vegetable products. Issued 11-23-37. (28)
- 2,100,108; All. Universelle. Cigar bunch trimmer. Issued 11-23-37. (28)
- 2,100,134; All. I G Farbenindustrie A G. Apparatus for projecting lenticular film. Issued 11-23-37. (28)
- 2,100,138; Hiedt Friedrich. Bristle for cleaning devices. Issued 11-23-37. (28)
- 2,100,139; Honda Kikutaro. Apparatus for giving drafts to cotton silvers. Issued 11-23-37. (39)
- 2,100,147; Oe'men Hans. Steering wheel. Issued 11-23-37. (28)
- 2,100,153; All. Vereinigte Stahlwerke A G. Iron sleeper. Issued 11-23-37. (28)
- 2,100,187; All. Porzellanfabrik Kahla. Entrance insulation for electrical conductors. Issued 11-23-37. (28)
- 2,100,194; Loef Jakob. Lifting truck. Issued 11-23-37. (28)
- 2,100,411; All. Vereinigte Leichtmetall Werke M B H. Method of increasing the corrosion resistance of aluminum alloys and products resulting therefrom. Issued 11-30-37. (28)
- 2,100,453; All. Fabbrica Italiana Magneti Marelli. Tuning dial for radio sets. Issued 11-30-37. (38)
- 2,100,588; All. Zellstoffabrik Waldhof. Manufacture of wool like artificial fibers. Issued 11-30-37. (28)

## EXHIBIT A—VOLUME 4

Patents identified as follows, giving the number of the patent, the grantee's name, in some cases in abbreviated form, the title of the invention, the date of issue, and a code number<sup>1</sup> representing the nationality of the grantee, such code numbers having the following meanings:

- 6 Austria
- 28 Germany
- 34 Hungary
- 38 Italy
- 39 Japan
- 57 Rumania
- 11 Bulgaria

- 2,100,593; Hessel Georg et al; Maler Hans. Process of preparing a substance increasing the blood pressure. Issued 11-30-37. (28)
- 2,100,660; Greiner Max. Electromagnetic tool of the percussion type. Issued 11-30-37. (28)

<sup>1</sup> The code numbers throughout this Exhibit A, Volume IV appear in parenthesis.

- 2,100,666; Muller Alfred. Ski binding. Issued 11-30-37. (28)
- 2,100,672; Odon Risdorfer. Photographic camera. Issued 11-30-37. (34)
- 2,100,680; All. Emil Wirth Wirkmanschinenfabrik. Thread delivery device for warp knitting machines. Issued 11-30-37. (28)
- 2,100,775; All. Maschinenfabrik Augsburg Nurnberg. Welded box frame for vertical internal combustion engines. Issued 11-30-37. (28)
- 2,100,797; Dallenbach Walter. Electric discharge apparatus. Issued 11-30-37. (28)
- 2,100,798; All. I G Farbenindustrie A G. Condensation products of carbenium compounds and process of preparing the same. Issued 11-30-37. (28)
- 2,100,815; All. Durkoppwerke A G. Cutting device for buttonhole or other sewing machines. Issued 11-30-37. (28)
- 2,100,827; All. Chemische Fabrik Buckau. Process for the production of potassium formate. Issued 11-30-37. (28)
- 2,101,030; Kunze Willy. Expansion plug for barrels and other tank fire tube and water tube boilers. Issued 12-7-37. (28)
- 2,101,213; Dichter Jakob. Machine for producing glass vessels from tubing. Issued 12-7-37. (28)
- 2,101,225; Rambold Adolf. Production of wrappers. Issued 12-7-37. (28)
- 2,101,232; All. Verpackungsbedarf GmbH. Filing machine. Issued 12-7-37. (28)
- 2,101,234; All. Maschinenfabrik Augsburg Nurnberg. Sluice gate. Issued 12-7-37. (28)
- 2,101,253; All. Patentverwertung Dr Martin. Process for producing artificial threads fibers and the like. Issued 12-7-37. (28)
- 2,101,267; Nestler Edmund. Humidifier. Issued 12-7-37. (28)
- 2,101,286; Theunissen Heinrich. Method of producing double warp pile fabrics with figured backs. Issued 12-7-37. (28)
- 2,101,386; All. Norddeutsche Seekabelwerke A G. Submarine signaling cable. Issued 12-7-37. (28)
- 2,101,390; All. Vorwerk & Co. Blower for vacuum cleaners. Issued 12-7-37. (28)
- 2,101,395; Kato Etsuro. Operating apparatus for flyer frames. Issued 12-7-37. (39)
- 2,101,404; Mahle Ernst. Chill mold. Issued 12-7-37. (28)
- 2,101,409; Nier Bruno. Storm lantern. Issued 12-7-37. (28)
- 2,101,419; All. Klangfilm GmbH. Recording of electrical impulses. Issued 12-7-37. (28)
- 2,101,423; Beck Stefan. Furnace. Issued 12-7-37. (34)
- 2,101,446; Neiman Abram. Safety locking device. Issued 12-7-37. (28)
- 2,101,460; Schmidt Ulrich. Sound-muffling device. Issued 12-7-37. (28)
- 2,101,511; Rohm Otto. Sole leather and process of preparing the same. Issued 12-7-37. (28)
- ;<sup>1</sup> All. Atlas Werke A G. Means for mounting submarine signaling apparatus. (28)
- 2,101,939; All. Hydro Groeck GmbH. Cooking or extracting process. Issued 12-14-37. (28)
- 2,101,943; All. Kulmbacher Spinnerei. Method of manufacturing yarns. Issued 12-14-37. (28)
- 2,101,958; Sachsenroder Gustav. Artificial sausage casing and process for making same. Issued 12-14-37. (28)
- 2,101,967; Walterspiel Alfred. Roasting toasting grilling and cooking apparatus. Issued 12-14-37. (28)
- 2,101,973; All. Maschinenfabrik Augsburg Nurnberg. Double walled sluice gate. Issued 12-14-37. (28)
- 2,102,101; Takamiya Etsuo. Process of preparing fat and oil splitting enzyme from plant seeds. Issued 12-14-37. (39)
- 2,102,121; All. Junkers Hugo Dec. Free piston engine. Issued 12-14-37. (28)
- 2,102,151; All. Asahi Garasu Kabushiki Kaisha. Method of manufacturing metallic sodium. Issued 12-14-37. (39)
- 2,102,202; All. Mauser Werke A. G. Differential feed device for sewing machines. Issued 12-14-37. (28)
- 2,102,224; Ruppel Ernst. Electric lamp. Issued 12-14-37. (28)
- 2,102,241; Stroher Georg. Hair waving appliance. Issued 12-14-37. (28)
- 2,102,307; Chwala August et al; Waldmann Edmund; Martina Aldo. Process for preparing oil varnishes. Issued 12-14-37. (6)
- 2,102,315; All. Karreth August. Process of preparing an enzyme from mold. Issued 12-14-37. (28)
- 2,102,487; All. Metallwerk Alfred Schwarz GmbH. Defrosting screen. Issued 12-14-37. (28)
- 2,102,506; Bland Frederick Oliver Smith. Freezing medium method of production and application for freezing purposes. Issued 12-14-37. (28)
- 2,102,591; Hagemeler Heinrich. Dental syringe. Issued 12-21-37. (28)
- 2,102,630; Kreidl Ignaz. Clouded vitreous enamel. Issued 12-21-37. (6)
- 2,102,637; Meininghaus Ulrich. Arrangement of radially traversed blades in rotary machines. Issued 12-21-37. (28)
- 2,102,753; All. Klangfilm GmbH. Recording of electrical impulses. Issued 12-21-37. (28)
- 2,102,907; All. Deutsche Getriebe GmbH. Damping the oscillations of vehicles in particular rail vehicles. Issued 12-21-37. (28)
- 2,102,933; All. Shozaburo Hashno. Spinning liquor for artificial silks. Issued 12-21-37. (39)
- 2,102,951; All. Lorenz C AKG. Generator of electric relaxation oscillations. Issued 12-21-37. (28)
- 2,102,953; All. Nix & Genest AKG. Automatic telephone system. Issued 12-21-37. (28)
- 2,102,975; Porsche Ferdinand. Universal joint. Issued 12-21-37. (28)
- 2,104,080; Karageorgieff Christoph. Tapping and refill controlling device. Issued 1-4-38 (6)
- 2,104,157; Forcella Pietro. Rail joint. Issued 1-4-38. (38)
- 2,104,160; Hengel Karl. Adjusting device in particular electrical condenser. Issued 1-4-38. (28)
- 2,104,170; All. Klangfilm GmbH. Sound recording device. Issued 1-4-38. (28)
- 2,104,213; All. Voith J M. Hydraulic forward and reverse drive. Issued 1-4-38. (28)
- 2,104,295; De Varda Giuseppe. Process for recovery of calcium phosphate alumina and potassium values from their insoluble minerals. Issued 1-4-38. (38)
- 2,104,299; All. Dampfwerk Achten Ges Des Naxos. Machine tool. Issued 1-4-38. (28)
- 2,104,325; Juffa Wilhelm. Mixing pipette. Issued 1-4-38. (28)
- 2,104,365; Fuchs Karl. Steerable and reversible toy vehicle. Issued 1-4-38. (28)
- 2,104,372; Matthes August. Reclining couch for use in motor vehicles. Issued 1-4-38. (28)
- 2,104,378; Pychlau Herbert. Output does meter. Issued 1-4-38. (28)
- 2,104,421; All. Bohme Fettchemie Ges MbH. Production of amines of high molecular—<sup>1</sup> Issued 1-4-38. (28)
- 2,104,427; Kreidl Alexander. Method of pre-treating iron surfaces. Issued 1-4-38. (6)
- 2,104,443; Szego Stephan. Floor roof and like structures. Issued 1-4-38. (28)
- 2,104,454; All. Enzinger Union Werke A G. Filling device. Issued 1-4-38. (28)
- 2,104,497; Shulte Fritz. Automatic vending machine. Issued 1-4-38. (28)
- 2,104,508; Demeter Ladislaus. Fuse for hand grenades and projectiles. Issued 1-4-38. (34)
- 2,104,510; Einfalt Georg. Toy railway. Issued 1-4-38. (28)
- 2,104,517; Heerde Alfred. Rotary engine with gyrotory piston. Issued 1-4-38. (28)
- 2,104,533; Von Kramolin Leon Ladislaus. Method and means for controlling gas filled tubes. Issued 1-4-38. (28)
- 2,104,613; All. Schmidt Sche Heissdampf. Apparatus for generating steam. Issued 1-4-38. (28)
- 2,104,666; Molnar Sandor. Easy chair or the like convertible into couch divan bed or the like. 1-4-38. (34)
- 2,104,728; All. Bohme Fettchemie GmbH. Wetting and dispersing agents and process of making the same. Issued 1-11-38. (28)
- 2,104,973; Dassler Adolf. Galvanic battery. Issued 1-11-38. (28)
- 2,105,035; All. Freudenberg Carl GmbH. Process for the manufacture of spun goods fabrics and the like. Issued 1-11-38. (28)
- 2,105,036; All. Freudenberg Carl GmbH. Process for the manufacture of spun goods fabrics and other textiles. Issued 1-11-38. (28)
- 2,105,080; Jagschitz Konrad. Method of erecting collapsible gasholders. Issued 1-11-38. (28)
- 2,105,098; Schlumbohm Peter. Refrigerating process. Issued 1-11-38. (28)
- 2,105,140; All. Maschinenfabrik Carl Zangs A G. Cross winding machine. Issued 1-11-38. (28)
- 2,105,166; Schwarzkopf Paul. Electrical heating element. Issued 1-11-38. (6)
- 2,105,249; All. Dresden Leipziger Schnellpressen. Copper plate printing machine. Issued 1-11-38. (28)
- 2,105,261; Pohler Bruno. Cylinder machine. Issued 1-11-38. (28)
- 2,105,271; Schleifer Carlo. Wharve for spindles for spinning twisting winding and similar machines. Issued 1-11-38. (38)
- 2,105,283; All. Degea A G Auergesellschaft. Heat resistant alloys. Issued 1-11-38. (28)
- 2,105,287; Lewy Hermann. Collar stud to be sewn. Issued 1-11-38. (28)
- 2,105,291; Maul Michael. Record card controlled machine. Issued 1-11-38. (28)
- 2,105,292; Nier Bruno. Hurricane lantern. Issued 1-11-38. (28)
- 2,105,381; Steiner Eugen. Insole arch support. Issued 1-11-38. (57)
- 2,105,394; All. Soc Italiana Pirelli. Manufacture of zinc oxide. Issued 1-11-38. (38)
- 2,105,423; Junghans Helmut. Detonator. Issued 1-11-38. (28)
- 2,105,429; All. Maybach Motorenbau GmbH. Clutch operating means on motor vehicles. Issued 1-11-38. (28)
- 2,105,432; Nier Bruno. Storm lantern. Issued 1-11-38. (28)
- 2,105,434; All. Auto Union A G. Motor vehicle. Issued 1-11-38. (28)
- 2,105,529; All. Klangfilm GmbH. Speed control system. Issued 1-18-38. (28)
- 2,105,534; All. Lorenz C A G. Radio receiving arrangement. Issued 1-18-38. (28)
- 2,105,537; All. Lorenz C A G. Signaling method and arrangement therefor. Issued 1-18-38. (28)
- 2,105,553; Schroter Hans O; Schroter Kurt et al. Chassis of vehicles. Issued 1-18-38. (28)
- 2,105,604; Leyhausen Wilhelm. Electromagnetic overload circuit breaker. Issued 1-18-38. (28)
- 2,105,625; Wichtendahl Rudolf. Hydraulically actuated friction clutch. Issued 1-18-38. (28)

<sup>1</sup> So in original document.



- 2,105,628; All. Leitz Ernst GmbH. Film loading cassette. Issued 1-18-38. (28)
- 2,105,630; All. Leitz Ernst GmbH. Photographic film camera. Issued 1-18-38. (28)
- 2,105,631; Becker Helmut. Motion picture camera. Issued 1-18-38. (28)
- 2,105,661; All. Klangfilm GmbH. Multiplex film phonograph. Issued 1-18-38. (28)
- 2,105,698; All. I G Farbenindustrie A G. Apparatus for projecting picture or sound films. Issued 1-18-38. (28)
- 2,105,710; Wadel Josef. Casing for suppositories. Issued 1-18-38. (28)
- 2,105,782; All. Verwertung Gauth Scher Patent. Apparatus for dehydrating oil containing material having a high water content particularly whale flesh. Issued 1-18-38. (28)
- 2,105,787; Herpich Carl. Traveling or like rug. Issued 1-18-38. (28)
- 2,105,799; All. Schneider Jos Anc Do Optotechnische. Photographic objective. Issued 1-18-38. (28)
- 2,105,961; Andreini Michele. Carriage for roentgen apparatus. Issued 1-18-38. (38)
- 2,106,010; Mariotti Alberto, Ciarrocchi Igino; Levi Marjo Giacomo et al. Process of purification and regeneration of used lubricating oils. Issued 1-18-38. (38)
- 2,106,028; All. Bloch Julius. Closure for tubes and the like. Issued 1-18-38. (28)
- 2,106,032; Lange Emil. Arc rupturing device for electric switches. Issued 1-18-38. (28)
- 2,106,077; All. Schneider Jos and Co. Corrected objective. Issued 1-18-38. (28)
- 2,106,111; All. I G Farbenindustrie A G. Manufacture of alkali cellulose. Issued 1-18-38. (28)
- 2,106,126; All. Volmer Prof Dr Max. Electrode for open arc lamps. Issued 1-18-38. (28)
- 2,106,199; All. Faber and Schleicher A G. Sheet delivery device and method. Issued 1-25-38. (28)
- 2,106,221; Luschenowsky Alexander. Process for the refinement of magnesium and magnesium alloys. Issued 1-25-38. (28)
- 2,106,259; All. Vereinigte Leichtmetallwerke GmbH. Coated aluminum product. Issued 1-25-38. (28)
- 2,106,358; Ohnesorge Otto. Rope transmission. Issued 1-25-38. (28)
- 2,106,372; Ezaki Seichi. Process of producing powdered cocoa substitute. Issued 1-25-38. (39)
- 2,106,382; Schmidt Karl. Process and composition for dyeing with aniline black. Issued 1-25-38. (28)
- 2,106,393; All. I G Farbenindustrie A G. Oxygen emergency apparatus with closed respiratory circuit. Issued 1-25-38. (28)
- 2,106,418; Wagner Hans. Car ventilator. Issued 1-25-38. (28)
- 2,106,424; Einfalt Georg. Traffic line toy. Issued 1-25-38. (28)
- 2,106,428; All. Elektrizitätsgesellschaft Sanitas. Diathermic apparatus with querched spark gap. Issued 1-25-38. (28)
- 2,106,429; All. Elektrizitätsgesellschaft Sanitas. Electrotherapeutic apparatus. Issued 1-25-38. (28)
- 2,106,440; Smith Ewen Ross. Apparatus for the forming of thick paper articles such as barrels tubs plates and the like. Issued 1-25-38. (28)
- 2,106,441; All. Universelle Cigarettenmaschinen. Apparatus for placing wrappers on the rolling apron of a cigar rolling device. Issued 1-25-38. (28)
- 2,106,465; All. I G Farbenindustrie A G. Mercapto thiazole derivatives. Issued 1-25-38. (28)
- 2,106,609; Krauss Friedrich Emil. Centrifugal extractor. Issued 1-25-38. (28)
- 2,106,807; Brunhuber Rudolf C; Locke Karl et al. Zero resetting mechanism for registers. Issued 2-1-38. (28)
- 2,106,869; Barthelmess Emil C; Falkenstein Engelbert et al. Drier for granular and like materials. Issued 2-1-38. (28)
- 2,106,914; L Orange Prosper. Internal combustion engine. Issued 2-1-38. (28)
- 2,106,938; All. Ruhrchemie A. G. Fireproofing of wood. Issued 2-1-38. (28)
- 2,106,939; All. Junkers Flugzeug und Motorenwerke. Crankcase for internal combustion engines. Issued 2-1-38. (28)
- 2,106,953; Ludwig Richard. Cross folding machine. Issued 2-1-38. (28)
- 2,106,956; Nakamura Uhei. Device for supporting steam pipe lines. Issued 2-1-38. (39)
- 2,106,991; All. Pannonia Baranybornemesito Es. Machine for smoothing and combing skins and the like. Issued 2-1-38. (34)
- 2,107,009; Mable Ernst. Apparatus for molding strut pistons. Issued 2-1-38. (28)
- 2,107,101; Bredtschneider Walter. Indirect generating of superheated steam. Issued 2-1-38. (28)
- 2,107,218; Scharfenberg Karl. Automatic car coupler. Issued 2-1-38. (28)
- 2,107,260; All. Nippon Gaiishi Kabushiki Kaisha. Corrosion resisting pump and blower. Issued 2-1-38. (39)
- 2,107,358; Aghito Marco. Safety razor. Issued 2-8-38. (38)
- 2,107,359; All. Mauser Werke A. G. Barrel-holding device for automatic pistols. Issued 2-8-38. (28)
- 2,107,363; Binder Anna. Climbing device for skis. Issued 2-8-38. (28)
- 2,107,372; Edenbürg Josef. Friction wheel pocket lighter. Issued 2-8-38. (6)
- 2,107,374; All. Wanderer Werke Vorm Winkelhofer. Device for calculating machines accounting machines writing and like machines. Issued 2-8-38. (28)
- 2,107,378; Kato Etsuro. Fine spinning frame. Issued 2-8-38. (39)
- 2,107,478; Happel Otto. Air cooled surface condenser. Issued 2-8-38. (28)
- 2,107,549; Schmalfeldt Hans. Process for the reduction of fine iron ores. Issued 2-8-38. (28)
- 2,107,607; Gobel Kraft. Machine for treating resilient material. Issued 2-8-38. (28)
- 2,107,676; Neumann Friedrich. Awning. Issued 2-8-38. (28)
- 2,107,701; All. Preussische Bergwerks und Hutten A. G. Method of manufacturing granulated potassium fertilizers from potassium sulphate or from sulphate of potassium and magnesium. Issued 2-3-38. (28)
- 2,107,702; All. Preussische Bergwerks und Hutten A. G. Improved method of manufacturing an agglomerated potassium chloride fertilizer. Issued 2-8-38. (28)
- 2,107,785; All. Schwarz Gustav GmbH. Variable-pitch propeller for aircraft. Issued 2-8-38. (28)
- 2,107,797; Messer Adolf. Apparatus for producing and storing oxygen. Issued 2-8-38. (28)
- 2,107,807; Suida Herman et al; Nowak Alfred; Poll Hans. Process for separating mineral oil products. Issued 2-8-38. (6)
- 2,107,814; Billand Carl. Molding by sand blowing. Issued 2-8-38. (28)
- 2,107,819; Ferber Ernst. Vacuum cleaner. Issued 2-8-38. (28)
- 2,107,830; Liebesny Paul et al; Wertheim Hugo. Method of influencing enzymes and technically useful micro organisms and the like. Issued 2-8-38. (6)
- 2,107,845; Albert Carl. Ash receptacle. Issued 2-8-38. (28)
- 2,107,878; Strauss Siegmund. Safety buckle. Issued 2-8-38. (6)
- 2,107,959; All. I G Farbenindustrie A G. Manufacture of artificial articles from fibroin solutions. Issued 2-8-38. (28)
- 2,107,960; Schuster Fritz. Matting process. Issued 2-8-38. (28)
- 2,107,966; Taguchi Junzo. Attachment for artificial teeth. Issued 2-8-38. (39)
- 2,107,985; All. Schubert and Salzer. Straight knitting machine. Issued 2-8-38. (28)
- 2,108,019; All. I G Farbenindustrie A G. Method of producing colored smoke. Issued 2-8-38. (28)
- 2,108,338; Juchheim Erich. Thermostat. Issued 2-15-38. (28)
- 2,108,340; Ikawa Shunichi; Kondō Heizaburo et al; Kobayashi Yoshito. Desacetyl pseudo bufotalin haloid and method of preparing same. Issued 2-15-38. (39)
- 2,108,359; All. Fiat SA. Lock for automobile doors. Issued 2-15-38. (38)
- 2,108,361; Asakawa Yukichi. Apparatus for manufacturing luster-free rayon. Issued 2-15-38. (39)
- 2,108,380; Lentschewsky Boris. Peripheral sealing means for tanks. Issued 2-15-38. (28)
- 2,108,385; Murakami Masasuke. Rotary engine. Issued 2-15-38. (39)
- 2,108,387; Nardelli Nello. Viscous waterproof and insulating composition with a basis of rubber to be used hot or cold. Issued 2-15-38. (38)
- 2,108,394; Steinmuller Lebrecht. Furnace grate. Issued 2-15-38. (28)
- 2,108,426; All. Lorenz CAG. Clutch mechanism for electromagnetic sound recording and reproducing devices. Issued 2-15-38. (28)
- 2,108,434; Fujii Masakichi. Operating mechanism of vehicular toys. Issued 2-15-38. (39)
- 2,108,437; All. Mix & Genest A G. Automatic telephone system. Issued 2-15-38. (28)
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- 2,108,568; Takata Akira. Hemp-dressing machine. Issued 2-15-38. (39)
- 2,108,569; Togami Nobufumi. Electric hair clipper. Issued 2-15-38. (39)
- 2,108,584; All. Kellermann Willy. Toy vehicle. Issued 2-15-38. (28)
- 2,108,610; Otto Carl. Operation of regenerative ovens. Issued 2-15-38. (28)
- 2,108,671; Kato Kihachi; 7/10 Gonsoburo Ishibashi. Muffler of internal combustion engines. Issued 2-15-38. (39)
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- 2,108,737; All. Wirth Emil Wirkmaschinenfabrik. Fabric take-up device for flat warp knitting machines. Issued 2-15-38. (28)
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- 2,108,885; All. Junkers Therese. Metallic wall structure. Issued 2-22-38. (28)
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- 2,108,919; Grigoriu Cesar. Target indicator. Issued 2-22-38. (57)
- 2,108,924; All. Fabbrica Italiana Magneti. Ignition magneto. Issued 2-22-38. (38)
- 2,108,930; All. Baumwollspinnerei Gronau. Double three-roller drawing frame. Issued 2-22-38. (28)
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- 2,108,947; Seifer Theo. Hydraulic motor for deep boring mechanisms. Issued 2-22-38. (28)
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- 2,109,283; All. Deutsche Luftfahrt und Handels. Instrument for indicating navigational factors. Issued 2-22-38. (28)
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- 2,109,307; All. I G Farbenindustrie A G. Process of making wool-like artificial fibers. Issued 2-22-38. (28)
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- 2,109,454; Becker Hans. Apparatus for cutting grooved rolls. Issued 3-1-38. (28)
- 2,109,487; Kreidl Ignaz. Enameled ware. Issued 3-1-38. (6)
- 2,109,702; Lange Alfonso. Chain saw. Issued 3-1-38. (28)
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- 2,109,807; Tajima Toyojiro. Camera with solid bellows. Issued 3-1-38. (39)
- 2,109,811; Weiter Adolf. Process for dehydrating trialkali orthophosphate. Issued 3-1-38. (28)
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- 2,110,028; Schwarz Philipp. Photographic roll film spool. Issued 3-1-38. (28)
- 2,110,155; Ibendorff Rudolf. Writing board. Issued 3-8-38. (28)
- 2,110,175; All. Faber & Schleichner A G. Sheet feeding mechanism. Issued 3-8-38. (28)
- 2,110,233; Nabakowski Hermann. Electric switch. Issued 3-8-38. (28)
- 2,110,253; Zur Nedden Gerhard. Metal piling. Issued 3-8-38. (28)
- 2,110,294; Gessner Ernst Alexander. Pocket slide comb. Issued 3-8-38. (28)
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- 2,110,317; All. Mauser Werke A G. Safety device for firearms. Issued 3-8-38. (28)
- 2,110,320; Bochmann Otto. Double-twist twisting spindle. Issued 3-8-38. (28)
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- 2,110,383; All. Studiengesellschaft F u r. Process for rendering wool textiles repellent to water and product made thereby. Issued 3-8-38. (28)
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- 2,110,954; Grossman Gustav. Apparatus for making radiographs. Issued 3-15-38. (28)
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- 2,111,394; Handschuh Anton. Sewing machine. Issued 3-15-38. (28)
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- 2,111,668; Latzen Josef. Hydraulically-controlled steering mechanism. Issued 3-22-38. (28)
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- 2,111,716; Wolf Hermann. Stabilizing device. Issued 3-22-38. (28)
- 2,111,756; Corbellini Arnaldo. Manufacture of naphthostyryl and 8 amino 1 naphthoic acid. Issued 3-22-38. (38)
- 2,111,823; All. I G Farbenindustrie A G. Process of treating hides and skins. Issued 3-22-38. (28)
- 2,111,829; Winterer Franz et al; Stadler Karl. Orientation compass. Issued 3-22-38. (6)
- 2,111,883; Burghauer Franz. Pump. Issued 3-22-38. (28)
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- 2,111,889; All. Junkers Flugzeug und Motorenwerke. Wind brake for aircraft. Issued 3-22-38. (28)
- 2,111,904; Schlumbohm Peter. Refrigerating system. Issued 3-22-38. (28)
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- 2,111,981; Liebetruh Friedrich Wilhelm. Water colors. Issued 3-22-38. (28)
- 2,112,061; All. Aerostatica Avorio Soc. In. Suspension of parachutes. Issued 3-22-38. (38)
- 2,112,170; Loos Arno. Package. Issued 3-22-38. (28)
- 2,112,189; All. Chemische Werke Schuster & Wilhelmy. Method of making finely divided metal compounds. Issued 3-22-38. (28)
- 2,112,266; Brand Josef. Elastic pipe connection for low tension working pressure or vacuum. Issued 3-29-38. (28)
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- 2,112,346; Richter Arthur. Flat knitting frame. Issued 3-29-38. (28)
- 2,112,351; All. Wanderer Werke Vorm Winkhofer &. Frame for typewriters calculating machines and the like. Issued 3-29-38. (28)
- 2,112,368; All. Junkers Therese. Free piston engine of the opposed type. Issued 3-29-38. (28)
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- 2,112,496; Ide Tamao G; Ide Sobel et al. Process of producing test fluid for the procedure of test for syphilis. Issued 3-29-38. (39)
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- 2,112,507; Sukegawan Kishiro. Process of producing vaccine lymph. Issued 3-29-38. (39)
- 2,112,508; All. I G Farbenindustrie A G. Process of treating hides and skins. Issued 3-29-38. (28)
- 2,112,578; Rohrig Hans. Sheathed electrode. Issued 3-29-38. (28)

<sup>1</sup> So in original document.



- 2,112,703; Luschenowsky Alexander. Process for making alloys of magnesium and aluminum. Issued 3-29-38. (28)
- 2,112,756; All. Schoeller Felix & Bausch. Manufacture of safety paper. Issued 3-29-38. (28)
- 2,112,802; All. Lehmann & Voss and Co. Rubber compounds and process of making same. Issued 3-29-38. (28)
- 2,112,803; All. Lehmann & Voss and Co. Process of reclaiming vulcanized rubber. Issued 3-29-38. (28)
- 2,112,934; Lebedenko Nikosaus. Stinner Hanns Heinz et al. Swash plate drive system and the like. Issued 4-5-38. (28)
- 2,112,965; All. Siemens apparate und Maschinen. Regulator for aircraft driving gears. Issued 4-5-38. (28)
- 2,112,989; All. Nitrokemia Ipartelepek. Process for the nitration of starch. Issued 4-5-38. (34)
- 2,113,061; All. Sachsische Textilmaschinen Fabrik. Combing machine for wool cotton and the like. Issued 4-5-38. (28)
- 2,113,096; Rocca Enrico. Device for drying compacting gauging and polishing pipes and casings of fibrocement and similar material. Issued 4-5-38. (38)
- 2,113,142; Randall Harry. Method for the production of grinding rings and grinding cylinders from emery and a binding medium of raw rubber. Issued 4-5-28. (28)
- 2,113,147; All. Barmer Maschinenfabrik A G. Gear pump especially for artificial silk spinning machines. Issued 4-5-38. (28)
- 2,113,149; All. Salge Willy & Co Technische Ges. Valve gear. Issued 4-5-38. (28)
- 2,113,197; All. Oesterr Ung Optische Anstalt C P. Angle value transmitting device. Issued 4-5-38. (6)
- 2,113,202; All. Rheinmetall Borsig A G. Automatic gun. Issued 4-5-38. (28)
- 2,113,277; All. Universelle Cigarettenmaschinen. Box for packaging cigarettes. Issued 4-5-38. (28)
- 2,113,320; Fend Kurt. Selective multiple lead pencil. Issued 4-5-38. (28)
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- 2,113,407; All. Leitz Ernst GmbH. Image erecting prism telescope for photographic purposes. Issued 4-5-38. (28)
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- 2,113,475; Faber Ernst. Polishing machine. Issued 4-5-38. (28)
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- 2,113,487; All. Telehor A G. Method of cinematographic television. Issued 4-5-38. (28)
- 2,113,516; Possenti Aurelio. Sparking plug. Issued 4-5-38. (38)
- 2,113,525; Wirth Emil Wirkmaschinenfabrik. Rib warp frame. Issued 4-5-38. (28)
- 2,113,559; All. Siemens Schuckertwerke A G. Steam generator. Issued 4-12-38. (28)
- 2,113,583; Finzel Herrmann. Upsetting apparatus. Issued 4-12-38. (28)
- 2,113,614; Dornbusch Paul. Leather printing and tipping machine. Issued 4-12-38. (28)
- 2,113,668; Tessky Karl. Lather. Issued 4-12-38. (28)
- 2,113,679; Cleff Wilhelm. Apparatus for producing plastic surfaces on wood. Issued 4-12-38. (28)
- 2,113,685; Micheluzzi Fu Leopoldo Mario. Refuse vehicle. Issued 4-12-38. (38)
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- 2,119,902; All. Adrema Maschinenbauges mbh. Sheet conveying device for printing machines. Issued 4-12-38. (28)
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- 2,114,109; Honda Kotaro et al; Nishina Tamotsu. Magnetic alloys with high initial permeability. Issued 4-12-38. (39)
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- 2,114,144; All. Muller Robert. Gas producing apparatus. Issued 4-12-38. (28)
- 2,114,220; Becker Oskar Walter; Freudenberg Hans et al. Manufacture of artificial sausage skins or casings. Issued 4-12-38. (28)
- 2,114,226; Kato Etsuro. Draft apparatus for fine spinning frames. Issued 4-12-38. (39)
- 2,114,397; Michl Ludowicus et al; Michl Gabriella. Bed rail. Issued 4-19-38. (6)
- 2,114,407; Tsumura Bunjiro. Apparatus for treating myopia. Issued 4-19-38. (39)
- 2,114,408; Tsumura Bunjiro. High temperature and low pressure bath. Issued 4-19-38. (39)
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- 2,114,564; All. Boehme Fettchemie GmbH. Process for the treatment of fibrous materials. Issued 4-19-38. (28)
- 2,114,569; Perco Francesco; Paolini Mario et al. Power-driven knife. Issued 4-19-38. (38)
- 2,114,582; All. Auto Union A G. Two-stroke internal combustion engine. Issued 4-19-38. (28)
- 2,114,650; Bruning Paul. Lens carry mechanism. Issued 4-19-38. (28)
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- 2,114,769; Reeh Erich. Torsion balance. Issued 4-19-38. (28)
- 2,114,782; Kohler Gunther Erich. Apparatus for treating metal sheets in liquids. Issued 4-19-38. (28)
- 2,114,784; All. Frenkel Hermann. Covering wood with resistant coatings. Issued 4-19-38. (28)
- 2,114,921; Gessner Ernst Alexander. Valve. Issued 4-19-38. (28)
- 2,115,031; Meininghaus Ulrich. Disk construction for radial flow machines. Issued 4-26-38. (28)
- 2,115,108; Horn Ernst. Electric track for toy vehicles. Issued 4-26-38. (28)
- 2,115,185; All. Lorenz C A G. Printing telegraph transmitter. Issued 4-26-38. (28)
- 2,115,198; All. I G Farbenindustrie A G. Engraving roller for the manufacture of lenticular film. Issued 4-26-38. (28)
- 2,115,315; All. Muller Heinrich. Toy or amusement device. Issued 4-26-38. (28)
- 2,115,333; Isaac Minna. Arm shield for dresses. Issued 4-26-38. (28)
- 2,115,436; Utsunomiya Kenzpo. Electric arc breaker. Issued 4-26-38. (39)
- 2,115,460; All. Plon Johannes. Sliding comb. Issued 4-26-38. (28)
- 2,115,461; All. Junkers Flugzeug und. Polishing machine. Issued 4-26-38. (28)
- 2,115,478; Von Baussen Hans. Stethoscope. Issued 4-26-38. (28)
- 2,115,488; All. Mauser Werke A G. Chain stitch zigzag sewing machine for ornamental seams. Issued 4-26-38. (28)
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- 2,115,549; Schmitz Hellmuth; Broche Hans et al. Method of purifying and desulphurizing motor fuel. Issued 4-26-38. (28)
- 2,115,607; All. Naturin GmbH. Sausage casing. Issued 4-26-38. (28)
- 2,115,648; All. Freudenberg Carl GmbH. Process for the manufacture of spun goods fabrics and other textiles. Issued 4-26-38. (28)
- 2,115,657; All. Auto Union A G. Two-stroke internal combustion engine. Issued 4-26-38. (28)
- 2,115,659; Wienecke Bruno. Method of producing synthetic musical sounds. Issued 4-26-38. (28)
- 2,115,682; All. Lechler Paul. Expansion joint. Issued 4-26-38. (28)
- 2,115,725; Koch Paul. Rotary printing machine. Issued 5-3-38. (28)
- 2,115,737; Menschner Johannes. Process and apparatus for measuring running webs. Issued 5-3-38. (28)
- 2,115,746; Peyinghaus Walter. Lubricated axle bearing. Issued 5-3-38. (28)
- 2,115,767; Gruttmann Franz. Control stamp. Issued 5-3-38. (28)
- 2,115,822; Menschner Johannes. Measuring of running webs. Issued 5-3-38. (28)
- 2,115,829; All. Universelle Cigarettenmaschinen. Cigar-making machine. Issued 5-3-38. (28)
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- 2,115,857; Kaselitz Oscar. Method of producing potassium nitrate from potassium sulphate and mixtures containing the same. Issued 5-3-38. (28)
- 2,115,865; Luhn Oskar. Electromagnetic relay. Issued 5-3-38. (28)
- 2,115,880; Rohm Otto. Tanning process. Issued 5-3-38. (28)
- 2,115,890; Dieter Thoma. Hydraulic turbine governor. Issued 5-3-38. (28)
- 2,115,893; Urbaniak Ignatz. Method of coring dividing and condensing ingots of cruciform cross section. Issued 5-3-38. (28)
- 2,115,976; All. Berlin Suhler Waffen und. Compression refrigerating machine. Issued 5-3-38. (28)
- 2,116,015; All. Triton Belco A G. Sanitary basin and the like. Issued 5-3-38. (28)

- 2,116,027; Kolbe Joachim. Motor vehicle. Issued 5-3-38. (28)
- 2,116,037; Nonaka Suetō. Parachute. Issued 5-3-38. (39)
- 2,116,083; Rusch Willy. Rubber tube for medical use. Issued 5-3-38. (28)
- 2,116,112; All. Telefunken ges fur Drahtlose. Magnetron discharge tube circuit. Issued 10-1-40. (28)
- 2,116,114; Guidorossi Giuseppe. Harmonious melting of combined theater and cinematograph-exhibitions. Issued 5-3-38. (38)
- 2,116,134; Amann Max. Telegraph system. Issued 5-3-38. (28)
- 2,116,181; Bauer Gustav. Manufacture of hydraulic couplings. Issued 5-3-38. (28)
- 2,116,205; Kaufmann Hans. Transfer for applying designs to wood and other surfaces. Issued 5-3-38. (28)
- 2,116,266; All. Norddeutsche Seekabelwerke A G. Insulating joint for electric cables. Issued 5-3-38. (28)
- 2,116,267; All. Felten & Guilleaume Carlswerke A G. Conductor with air space insulation. Issued 5-3-38. (28)
- 2,116,268; All. Felten & Guilleaume Carlswerke A G. High frequency conductor. Issued 5-3-38. (28)
- 2,116,273; Matuenaga Yonosuke. Aluminum alloy. Issued 5-3-38. (39)
- 2,116,274; Matuenaga Yonosuke. Aluminum alloy. Issued 5-3-38. (39)
- 2,116,275; Matuenaga Yonosuke. Aluminum alloy. Issued 5-3-38. (39)
- 2,116,277; All. Felten & Guilleaume Carlswerk A G. Sealing insertion. Issued 5-3-38. (28)
- 2,116,291; Tsuchiya Inosuke. Lawn rake. Issued 5-3-38. (39)
- 2,116,293; Weikowitz Franz. Device adapted to loudspeakers telephones or relays. Issued 5-3-38. (28)
- 2,116,332; Weiss Hugo. Method for bleaching cotton and analogous textile fibers. Issued 5-3-38. (28)
- 2,116,355; All. Nationale de Matieres Colorantes et. Disazod eystuffs and their production. Issued 5-3-38. (28)
- 2,116,399; Marth Paul. Process for making shaped bodies from hard substances. Issued 5-3-38. (28)
- 2,116,400; Marth Paul. Hard substance alloy. Issued 5-3-38. (28)
- 2,116,446; All. Jidosha Koki Kabushiki Kaisha. Apparatus to open or shut the doors of automobiles. Issued 5-3-38. (38)
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- 2,116,705; Moglich Otto. Marx Franz et al. Pipe joint. Issued 5-10-38. (28)
- 2,116,841; Mauser Karl Wilhelm. Closure for packing containers. Issued 5-10-38. (28)
- 2,116,893; All. I G Farbenindustrie A G. Process of chlorinating and brominating carbonyl compounds. Issued 5-10-38. (28)
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- 2,116,990; Watanabe Yoshito. Selector apparatus. Issued 5-10-38. (39)
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- 2,117,113; All. Hansa Muhle A G. Continuous oil extracting apparatus. Issued 5-10-38. (28)
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- 2,117,179; Kopp Peter. Apparatus for production of molded articles. Issued 5-10-38. (28)
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- 2,117,235; All. Triumph Werke Nuernberg A G. Typewriter. Issued 5-10-38. (28)
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- 2,117,340; All. P I V Ketten und Getriebe GmbH. Stepless change gear. Issued 5-17-38. (28)
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- 2,117,508; Schneider-Ferdinand. Electrically driven master clock. Issued 5-17-38. (28)
- 2,117,523; Strohl Walter August. Automatic barrel treating machine. Issued 5-17-38. (28)
- 2,117,593; Backofen Fritz. Damping roll for lithographing presses. Issued 5-17-38. (28)
- 2,117,626; All. I G Farbenindustrie A G. Process of preparing sulphamides. Issued 5-17-38. (28)
- 2,117,631; All. I G Farbenindustrie A G. Process of softening water. Issued 5-17-38. (28)
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- 2,117,732; All. Gemeinert Horst. Method of and device for shaping shoe uppers. Issued 5-17-38. (28)
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- 2,117,737; All. Leitz Ernst GmbH. Illuminating means for projection apparatus. Issued 5-17-38. (28)
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- 2,118,518; Neumann Georg. Distance measuring system. Issued 5-24-38. (28)
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- 2,119,926; All. Lowit & Comp Firm. Collapsible tube container. Issued 6-7-38. (6)
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- 2,120,333; All. Nihon Magnesium Kabushiki Kaisha. Die casting apparatus. Issued 6-14-38. (39)
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- 2,120,397; Durr Fritz. Dust aspirator. Issued 6-14-38. (28)
- 2,120,415; Meyer Gustav. Coupling device for motor lorry trains. Issued 6-14-38. (28)
- 2,120,416; Renck Carl et al; Renck Hens Hermann Heinrich. Process of manufacturing chemical picture carriers. Issued 6-14-38. (28)
- 2,120,492; All. Werth Karl. Sparking plug. Issued 6-14-38. (28)
- 2,120,539; All. Demag A. G. Rolling mill. Issued 6-14-38. (28)
- 2,120,553; All. Olympia Buromaschinenwerke A. G. Key cap. Issued 6-14-38. (28)
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- 2,120,713; Zenner Alma Rottke GEB et al; Rottke Elsbeth. Leg-straightening attachment. Issued 6-14-38. (28)
- 2,120,740; All. Hochofenwerk Lubeck A. G. Production of iron. Issued 6-14-38. (28)
- 2,120,749; All. Schubert & Salzer Maschinenfabrik. Knockover device. Issued 6-14-38. (28)
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- 2,120,757; Landauer Gustav. Production of a high luster of dyed fibers. Issued 6-14-38. (28)
- 2,120,850; Amann Max et al; Hatzinger Hans Lahl Alfred. Printing telegraph receiver. Issued 6-14-38. (28)
- 2,120,851; All. Freudenberg Carl GmbH. Process for the manufacture of spun goods fabrics and other textiles. Issued 6-14-38. (28)
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- 2,120,894; Haag Johannes. Method of producing free cutting steel. Issued 6-14-38. (28)
- 2,120,907; Nier Bruno. Storm lantern burner. Issued 6-14-38. (28)
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- 2,120,924; Stillschweig Sigismund. Separable fastener. Issued 6-14-38. (28)
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- 2,121,059; Suberkrub Franz. Device for paddle wheel propellers. Issued 6-21-38. (28)
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- 2,121,133; Still Carl. Furnace chraging device. Issued 6-21-38. (28)
- 2,121,143; Engels Bernhard. Method of feeding molten glass. Issued 6-21-38. (28)
- 2,121,183; All. I. G. Farbenindustrie A. G. Process for the manufacture of condensation products of dicarboxylic acid anhydrides. Issued 6-21-38. (28)
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- 2,121,347; All. I. G. Farbenindustrie A. G.. Apparatus for generating oxygen especially for breathing purposes. Issued 6-21-38. (28)
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- 2,121,875; All. Angelmi Curt. Process for sterilizing and disinfecting. Issued 6-28-38. (28)
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- 2,121,941; All. Apparatebau Ges Neumann and Borm. Sound transmitting apparatus. Issued 6-28-38. (28)
- 2,122,011; Czapp Erich; Schoenbeck Friedrich et al. Dental filling composition. Issued 6-28-38. (28)
- 2,122,053; All. Accumulatoren Fabrik A. G. Process of manufacturing porous metallic bodies. Issued 6-28-38. (28)
- 2,122,089; All. Herbig Haarhaus A. G. Process for the manufacture of artificial resins. Issued 6-28-38. (28)
- 2,122,094; Frontalini Alfredo. Resounding board for accordions. Issued 6-28-38. (38)
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- 2,122,105; Mauser Karl Wilhelm. Metal container. Issued 6-28-38. (28)
- 2,122,118; All. Norddeutsche Seekabelwerke A. G. Submarine cable. Issued 6-28-38. (28)
- 2,122,133; All. I. G. Farbenindustrie A. G. Iron tanned leather. Issued 6-28-38. (28)
- 2,122,146; All. Krantz Firm H. Sohne. Finishing planiform textile fabric. Issued 6-28-38. (28)
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- 2,122,281; All. Soc Italiana Pirelli. High tension electrical apparatus. Issued 6-28-38. (38)
- 2,122,323; Lobbenberg Hans. Device for fastening corsets. Issued 6-28-38. (28)
- 2,122,344; All. Schubert and Salzer. Narrowing device for flat knitting machines. Issued 6-28-38. (28)
- 2,122,346; Horn Ernst. Toy airplane. Issued 6-28-38. (28)
- 2,122,347; Lasch Werner. Seat. Issued 6-28-38. (28)
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- 2,122,502; Wallner Otto. Padding for gentlemen and ladies clothes. Issued 7-5-38. (28)

- 2,122,541; Kreislinger Julius; Solterbeck Otto et al. Reversing gear. Issued 7-5-38. (28)
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- 2,122,694; Muller Curt. Electric iron. Issued 7-5-38. (28)
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- 2,122,801; All. I. G. Farbenindustrie A G. Manufacture of artificial threads. Issued 7-5-38. (28)
- 2,122,805; All. I G Farbenindustrie A G. Production of thermoplastic merization products. Issued 7-5-38. (28)
- 2,122,870; Santoni Ermenegildo. Automatic aerophotographic camera with a rotary annular plate magazine. Issued 7-5-38. (38)
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- 2,123,357; Grah Carl Gustav et al; Giesen Paul. Nippers for skin and fingernails. Issued 7-12-38. (28)
- 2,123,380; Pott Alfred et al; Broche Hans. Method of producing extracts from solid carbonaceous materials. Issued 7-12-38. (28)
- 2,123,429; Klemm Hanns. Monospar cantilever aircraft wing. Issued 7-12-38. (28)
- 2,123,460; Burschkies Hans Wolfgang. Apparatus for stopping internal combustion engines or the like employing oil lubrication. Issued 7-12-38. (28)
- 2,123,461; Burschkies Hans Wolfgang. Device for stopping internal combustion engines or the like employing oil lubrication. Issued 7-12-38. (28)
- 2,123,472; Lohsee Wilhelm. Intermediate weft stop motion for looms. Issued 7-12-38. (28)
- 2,123,489; Schneider Ernst Walter. Light metal pistons for internal combustion engines. Issued 7-12-38. (28)
- 2,123,494; All. Leitz Ernst GmbH. Photographic camera. Issued 7-12-38. (28)
- 2,123,495; All. Leitz Ernst GmbH. Motion picture film container. Issued 7-12-38. (28)
- 2,123,514; Martens Friedrich. Device for delivering slips of memorandum paper. Issued 7-12-38. (28)
- 2,123,571; Lessel Wolfgang. Electric Welding. Issued 7-12-38. (28)
- 2,123,645; Beck Heinz. Arc lamp with automatic regulation of the negative electrode. Issued 7-12-38. (28)
- 2,123,661; All. I G Farbenindustrie A G. Process for preparing ammonium nitrate of low weight per unit of volume. Issued 7-12-38. (28)
- 2,123,739; Muller Adolf Max. Knitting machine. Issued 7-12-38. (28)
- 2,123,793; All. Siemens Reiniger Werke A G. Roentgen apparatus. Issued 7-12-38. (28)
- 2,123,794; Nier Bruno. Burner for hurricane lanterns. Issued 7-12-38. (28)
- 2,123,937; Engels Bernhard. Method of molding hollow bodies of glass. Issued 7-19-38. (28)
- 2,123,959; Pawlikowski Rudolf. Oil catcher. Issued 7-19-38. (28)
- 2,124,031; All. Klangfilm GmbH. Light and electrical impulse conversion apparatus. Issued 7-19-38. (28)
- 2,124,139; All. I G Farbenindustrie A G. Apparatus for projecting lenticular film. Issued 7-19-38. (28)
- 2,124,216; Tessky Karl. Lathe. Issued 7-19-38. (28)
- 2,124,248; All. Lampen Und Metallwarenfabriken. Camera diaphragm adjusting and indicating mechanism. Issued 7-19-38. (6)
- 2,124,255; Leitner Franz. Process for the production of core electrodes. Issued 7-19-38. (6)
- 2,124,267; All. Janzer Carl. Driving gear for continuous working photographic copying machines. Issued 7-19-38. (28)
- 2,124,276; Steigenberger Friedrich. Connection for straps chains or the like. Issued 7-19-38. (28)
- 2,124,285; Bucherer Hans Theodor. Process for preparing mixed esters from phenol-aldehyde resins. Issued 7-19-38. (28)
- 2,124,310; Murr Max Jr. Boot. Issued 7-19-38. (28)
- 2,124,316; Schonfeld Paul. Warp fabric. Issued 7-19-38. (28)
- 2,124,318; All. Lorenz C A G. Broadcast system. Issued 7-19-38. (28)
- 2,124,371; All. Gschopf Richard. Methods of producing photographic image carriers provided with precipitants for coloring dyes. Issued 7-19-38. (6)
- 2,124,373; Kurtz Hans. Endless screen wire fabric and method of making same. Issued 7-19-38. (28)
- 2,214,376; Rona Josef. Printing apparatus. Issued 7-19-38. (34)
- 2,124,494; All. Fahlberg Chemische Fabriken A G. Method of improving vermin exterminating compositions and the resulting compositions. Issued 7-19-38. (28)
- 2,125,186; All. Rheinische Metallwaaren Und. Means for transporting guns. Issued 7-26-38. (28)
- 2,125,339; Grimm Oskar. Method for producing a fabric with close setting of the weft threads. Issued 8-2-38. (28)
- 2,125,360; Schmitt Karl Josef. And the like.<sup>1</sup> Issued 8-2-38. (28)
- 2,125,361; Schwarzler Karl. Safety device for aeroplanes. Issued 8-2-38. (28)
- 2,125,407; Tsuneda Kenjiro. Variable compression ratio internal combustion engine. Issued 8-2-38. (39)
- 2,125,425; Dathe Paul. Weaving heddle. Issued 8-2-38. (28)
- 2,125,458; All. Von Giesches Georg. Method of bright pickling articles of copper zinc alloys. Issued 8-2-38. (28)
- 2,125,552; All. Kronprinz Ag fur Metallindustrie. Threadless tube connection. Issued 8-2-38. (28)
- 2,125,556; Gleich Fritz. Shearing machine. Issued 8-2-38. (28)
- 2,125,577; Matsumac Akiyoshi. Auxiliary medical agent and method of preparing the same. Issued 8-2-38. (39)
- 2,125,584; Rotzoll Erich. Adjusting device for machine tools. Issued 8-2-38. (28)
- 2,125,586; Pohl Ernst. Stand more particularly for Roentgen apparatus. Issued 8-2-38. (28)
- 2,125,607; Fuchs Leo. Combination lock. Issued 8-2-38. (28)
- 2,125,608; All. Klangfilm GmbH. Oscellograph galvanometer. Issued 8-2-38. (28)
- 2,125,616; Laudano Filippo. Telegraphic receiver. Issued 8-2-38. (38)
- 2,125,617; Niemann Gustav. Engageable power transmitting device. Issued 8-2-38. (28)
- 2,125,632; Harkort Hermann. Process for the production of lead glazes. Issued 8-2-38. (28)
- 2,125,664; Barne Friedrich. Iron annealing receptacle. Issued 8-2-38. (28)
- 2,125,694; Sattig Philipp. Double layer cardboard roof. Issued 8-2-38. (28)
- 2,125,698; Ulbricht Otto. Separable fastener. Issued 8-2-38. (28)
- 2,125,712; All. Eberspacher GmbH. Device for extinguishing the flame and deadening the noise of the exhaust gases in internal-combustion engines. Issued 8-2-38. (28)
- 2,125,825; All. Schumag Schumacher Metallwerke A G. Surface treating section metal. Issued 8-2-38. (28)
- 2,125,826; All. Olympia Buromaschinenwerke A G. Typewriter. Issued 8-2-38. (28)
- 2,125,913; Goebels Paul. Method and apparatus for mixing finely divided material. Issued 8-9-38. (28)
- 2,125,979; Arnold Carl. Toy hand grenade. Issued 8-9-38. (28)
- 2,125,997; All. Cargo Norit Union Verwaltungen GmbH. Process of treating gases containing polymerizable substances. Issued 8-9-38. (28)
- 2,126,024; Mikimoto Kokichi. Production of culture pearls. Issued 8-9-38. (39)
- 2,126,042; Reinz Hugo. Laminated spring. Issued 8-9-38. (28)
- 2,126,069; All. Norddeutsche Kabelwerke A G. Electric cable. Issued 8-9-38. (28)
- 2,126,157; All. Zahradfabrik Friedrichshafen A G. Measuring system for determining the efficiency of rotary motion transmitting devices by comparing torques. Issued 8-9-38. (28)
- 2,126,188; Goetz Adolf. Airship. Issued 8-9-38. (28)
- 2,126,233; All. Riedel E J D De Haen A G. Luminescent composition and method of making the same. Issued 8-9-38. (28)
- 2,126,239; All. Otto Dr C and Co GmbH. Door for horizontal oven chambers. Issued 8-9-38. (28)
- 2,126,252; All. Klangfilm GmbH. String galvanometer. Issued 8-9-38. (28)
- 2,126,296; Weihe Hermann Kurt. Hydraulic brake. Issued 8-9-38. (28)
- 2,126,321; All. Freudenberg and Co GmbH. Process for finishing leather articles. Issued 8-9-38. (28)
- 2,126,409; Pfeiffer Paul. Diesel pile driver. Issued 8-9-38. (28)
- 2,126,415; Scheele Alexander W. Kaleidoscope. Issued 8-9-38. (28)
- 2,126,431; Von Opel Fritz. Automatically operated traffic control system. Issued 8-9-38. (28)
- 2,126,432; Von Opel Fritz. Automatic traffic control system. Issued 8-9-38. (28)
- 2,126,483; L Orange Prosper. Internal-combustion engine. Issued 8-9-38. (28)
- 2,126,509; All. Deutsche Rohrenwerke A G. Tube-rolling mill. Issued 8-9-38. (28)
- 2,126,769; All. Siemens Reiniger Werke A G. Cassette particularly for X-ray exposures. Issued 8-16-38. (28)
- 2,126,846; Watanabe Yoshito. Multiple selector system. Issued 8-16-38. (39)
- 2,126,881; Gatzke Paul. Apparatus for firing ceramic material. Issued 8-16-38. (28)
- 2,126,978; Sander Ernst. Refrigeration machine. Issued 8-16-38. (28)

<sup>1</sup> So in original document.



- 2,127,070; All. Soc Italiana Pirelli. Manufacture of rubber thread. Issued 8-16-38. (38)
- 2,127,075; All. Soc Italiana Pirelli. Composite pneumatic tire. Issued 8-16-38. (38)
- 2,127,078; All. Zwicker Horst. Frame for pictures photographs placards or the like. Issued 8-16-38. (28)
- 2,127,114; Grab Wilhelm. Two-stroke internal-combustion engine. Issued 8-16-38. (28)
- 2,127,116; All. Firmitana Metallkeramik GmbH. Manufacture of enamel. Issued 8-16-38. (28)
- 2,127,126; Lutz Otto. Compressor or other engine. Issued 8-16-38. (28)
- 2,127,148; All. Lorenz C A G. Method of modulating high-frequency transmitters. Issued 8-16-38. (28)
- 2,127,164; All. Stahl R A G. Escalator. Issued 8-16-38. (28)
- 2,127,203; Brand Albert. Ampule. Issued 8-16-38. (28)
- 2,127,217; Von Heinrich Friedrich. Device for drying prints particularly copper prints. Issued 8-16-38. (34)
- 2,127,251; Fischer Oskar. Typewriting machine. Issued 8-16-38. (28)
- 2,127,290; Farina Giovanni. Hydraulic brake mechanism. Issued 8-16-38. (38)
- 2,127,300; All. Maschinenfabrik Esslingen. Method for making dry ice blocks. Issued 8-16-38. (28)
- 2,127,306; Nacken Walther. Wire-drawing machine. Issued 8-16-38. (28)
- 2,127,319; Zahradnik Eustach. Reclosable automatic overload cut out. Issued 8-16-38. (6)
- 2,127,329; All. Universelle Cigarettenmaschinen. Apparatus for ripping raw tobacco leaves. Issued 8-16-38. (28)
- 2,127,360; All. Nitrokemia Ipartelepek Reszveny. Process for the removal of acid from nitrated starch. Issued 8-16-38. (34)
- 2,127,367; All. Bohme H Th A G. Hydrogenation of higher fatty acids. Issued 8-16-38. (28)
- 2,127,404; All. Bisonit GmbH. Process and apparatus for the manufacture of patterned articles. Issued 8-16-38. (28)
- 2,127,414; Lohsse Wilhelm. Remote-controlled electrical reversing switch. Issued 8-16-38. (28)
- 2,127,450; Schneider Albert et al; Gaisser Friedrich. Process for preparing water for industrial purposes of all kinds especially boiler feed water. Issued 8-16-38. (28)
- 2,128,994; All. Studien und Verwertungs GmbH. Process for treating synthetic benzene products from hydrogen and the oxides of carbon. Issued 9-6-38. (28)
- 2,129,009; Kriwat Hans. Nut locking device. Issued 9-6-38. (28)
- 2,129,022; Osberghaus Walter. Double-edged safety razor. Issued 9-6-38. (28)
- 2,129,043; Bortsch Robert. Cement testing device. Issued 9-6-38. (6)
- 2,129,063; Kind Oscar. Wire tying machine. Issued 9-6-38. (28)
- 2,129,070; Rottinger Michael. Signaling and lighting installation for motor vehicles. Issued 9-6-38. (28)
- 2,129,073; Schoene Kurt. Liquid pump. Issued 9-6-38. (28)
- 2,129,103; All. Chemnitzer Strickmaschinen Fabrick. Circular knitting machine. Issued 9-6-38. (28)
- 2,129,104; Seifer Theo. Hydraulic motor. Issued 9-6-38. (28)
- 2,129,114; All. Metrawatt A G Fabrik Elektrischer. Multirange photoelectric exposure meter. Issued 9-6-38. (28)
- 2,129,187; Wesnigk Erwin. Automobile. Issued 9-6-38. (28)
- 2,129,195; Bocca Carlo et al; Amati Luigi. Color filter. Issued 9-6-38. (38)
- 2,129,205; All. I G Farbenindustrie A G. Manufacture of lenticular prints. Issued 9-6-38. (28)
- 2,129,206; Ellinghausen Hermann. Means for mounting propeller blades. Issued 9-6-38. (28)
- 2,129,213; All. I G Farbenindustrie A G. Manufacture of threads bands films and the like. Issued 9-6-38. (28)
- 2,129,219; Koga Moichiro. Method and apparatus for manufacturing feather cottons. Issued 9-6-38. (39)
- 2,129,276; All. Niederrheinische Maschinenfabrik. Press for connecting veneer or similar strips. Issued 9-6-38. (28)
- 2,129,289; All. I G Farbenindustrie A G. Manufacture of new fluorine compounds. Issued 9-6-38. (28)
- 2,129,290; All. Trurnit Firm Friedr. Method and apparatus for producing screw threads. Issued 9-6-38. (28)
- 2,129,295; All. Kali Chemie A G. Screen for X-ray photographs. Issued 9-6-38. (28)
- 2,129,296; All. Kali Chemie A G. Screen for X-ray photography. Issued 9-6-38. (28)
- 2,129,332; Mastini Domenico. Telephone system. Issued 9-6-38. (38)
- 2,129,359; Pommer Erwin. Capping device. Issued 9-6-38. (6)
- 2,129,382; Piwowarsky Eugen. Method of centrifugally casting pipes in chilled molds. Issued 9-6-38. (28)
- 2,129,683; Kuhn Ferdinand; Gontermann Hans et al. Manufacturing compound rolls. Issued 9-13-38. (28)
- 2,129,709; All. I G Farbenindustrie A G. Production of new high molecular sulphur-containing condensation products. Issued 9-13-38. (28)
- 2,129,774; Kuhner Otto. Draw press. Issued 9-13-38. (28)
- 2,129,835; Schaffler Gloszl Konrad. Electric shot firing machine. Issued 9-13-38. (6)
- 2,129,840; Hessenbruch Werner. Heat resisting object containing iron and aluminum. Issued 9-13-38. (28)
- 2,129,843; Hollmann Heinz. Dental or like drill. Issued 9-13-38. (28)
- 2,129,873; Lanzetti Lorenzo; Romati Cesare et al. Closure for collapsible tubes. Issued 9-13-38. (38)
- 2,129,956; Pastor Carl Theodor. Spiral covering machine. Issued 9-13-38. (28)
- 2,129,978; Yokoyama Ko. Cylindrical foundation tube. Issued 9-13-38. (39)
- 2,129,985; All. Wistra Ofenbau GmbH. Filter contrivance for the removal of impurities from gaseous or liquid media. Issued 9-13-38. (28)
- 2,130,011; Hersinod Ilie. Multicolor pencil. Issued 9-13-38. (28)
- 2,130,021; Neugart Franz. Grinding machine. Issued 9-13-38. (28)
- 2,130,061; All. Henning Georg Chem Pharm Werk G. Manufacture of nucleosides by fermentation. Issued 9-13-38. (28)
- 2,130,101; Ritzerfeld Wilhelm. Apparatus for feeding envelopes and method relating thereto. Issued 9-13-38. (28)
- 2,130,137; Klotz Alfred. Papain product and method of preparing same. Issued 9-13-38. (28)
- 2,130,139; All. Schuler L A G. Friction clutch. Issued 9-13-38. (28)
- 2,130,150; Nathansohn Alexander. Process for the treatment of textiles. Issued 9-13-38. (28)
- 2,130,166; Watanabe Yoshito. Automatic telegraph receiving machine. Issued 9-13-38. (39)
- 2,130,209; Von Brun Carmen. Process for the making of artificial flowers. Issued 9-13-38. (28)
- 2,130,210; Von Haken Kurd. Separation and gas treatment of gas dust mixtures. Issued 9-13-38. (28)
- 2,130,224; All. Deutsche Luftfahrt und Handels A G. Navigational instrument. Issued 9-13-38. (28)
- 2,130,240; All. Klockner Werke A G. Process of producing magnesia and nitrogenous fertilizers from dolomite. Issued 9-13-38. (28)
- 2,130,310; All. Brevetti Zarlati S A. Locomotive with pneumatic transmission by means of a mixture of compressed air and steam. Issued 9-13-38. (38)
- 2,130,336; Bonn Fredrich. Recording device for telephone sets. Issued 9-20-38. (28)
- 2,130,342; All. Fahlberg List A G Chemische Fabriken. Condensation products of an alkali metal salt of toluenesulphonamide with formaldehyde. Issued 9-20-38. (28)
- 2,130,376; Becker Otto Alfred. Finding device for index cards notes or the like arranged in or on conveying devices. Issued 9-20-38. (28)
- 2,130,381; All. Lorenz C A G. Arrangement for modulating high-frequency oscillations. Issued 9-20-38. (28)
- 2,130,422; Gamedinger Friedrich et al; Weber Otto. Apparatus for caps for shoes. Issued 9-20-38. (28)
- 2,130,425; All. Universelle Cigarettenmaschinen. Method and means of impressing bronze designs. Issued 9-20-38. (28)
- 2,130,493; All. Leitz Ernst GmbH. Illuminating device for microscopes. Issued 9-20-38. (28)
- 2,130,494; All. Leitz Ernst GmbH. Relief condenser. Issued 9-20-38. (28)
- 2,130,521; All. Deckel Friedrich. Pump. Issued 9-20-38. (28)
- 2,130,552; All. Meineke August. Band. Issued 9-20-38. (28)
- 2,130,600; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 9-20-38. (28)
- 2,130,655; Schonfeld Paul. Manufacture of warp goods. Issued 9-20-38. (28)
- 2,130,656; Taguchi Junzo. Attachment for artificial teeth. Issued 9-20-38. (39)
- 2,130,704; Patzwaldt Karl. Sound-permeable picture projection screen and method of making same. Issued 9-20-38. (28)
- 2,130,718; Fujita Zensei. Device for purifying the breathing air in a vapor bath for therapeutical use. Issued 9-20-38. (39)
- 2,130,720; Junghans Helmut. Centrifugal fuse. Issued 9-20-38. (28)
- 2,130,726; Ardel Robert. Mold for centrifugal casting. Issued 9-20-38. (28)
- 2,130,735; Eckardt Emil Eduard. Method of producing a printing plate. Issued 9-20-38. (28)
- 2,130,745; Rosenbauer Konrad. Firehose nozzle. Issued 9-20-38. (6)
- 2,130,776; Oser Alfred. Apparatus for mounting samples on cards and the like. Issued 9-20-38. (6)
- 2,130,815; All. Steatit Magnesia A G. High-frequency iron core coil. Issued 9-20-38. (28)
- 2,130,887; Kremmling Otto. Dough molding machine. Issued 9-20-38. (28)
- 2,130,958; Kramer Max. Landing flap on aircraft. Issued 9-20-38. (28)
- 2,130,983; All. Voegle Joseph A G. Grinding mill. Issued 9-20-38. (28)
- 2,131,137; Franz Ehrhart. Washing process for textile materials. Issued 9-27-38. (28)
- 2,131,228; L Orange Rudolf. Fuel injection pump. Issued 9-27-38. (28)
- 2,131,307; Behrendt Gerhard. Chill for continuous string casting. Issued 9-27-38. (28)
- 2,131,328; All. Neufeldt and Kuhne GmbH. Light-controlled signaling system. Issued 9-27-38. (28)
- 2,131,330; All. Hikari Shoji Kabushiki Kaisha. Method of making Urushi or Japanese lacquer films having pictures or letters. Issued 9-27-38. (39)
- 2,131,339; All. Fiat S A. Checking device for motor car doors. Issued 9-27-38. (38)
- 2,131,348; Hafner Raoul. Rotating-wing aircraft. Issued 9-27-38. (6)
- 2,131,357; Reeh Erich. Torsion balance. Issued 9-27-38. (28)
- 2,131,359; Seffzig Otto. Method of punching multicolor printing plates. Issued 9-27-38. (28)

- 2,131,384; Mauthner Desider. Working process for internal combustion engines and apparatus for carrying the same into effect. Issued 9-27-38. (34)
- 2,131,392; Seifer Theo. Motor working in a bore hole by means of a rinsing liquid. Issued 9-27-38. (28)
- 2,131,409; All. Chatillon S A Italiana per le. Washing desulphurizing bleaching finishing and like treatments of artificial yarns. Issued 9-27-38. (38)
- 2,131,519; All. Nippon Sekiyu Kabushiki Kaisha. Method of refining cracked oil by using metallic soaps of naphthenic acid. Issued 9-27-38. (39)
- 2,131,549; All. Metalloschemische Fabrik A G. Cleansing means for metal and metal alloys. Issued 9-27-38. (28)
- 2,131,592; All. Accumulatoren Fabrik A G. Electric battery particularly secondary battery and method of operating the same. Issued 9-27-38. (28)
- 2,131,678; All. Schreker Rudolf. Match lighting device. Issued 9-27-38. (34)
- 2,131,701; Achterfeldt Carl Alexis. Gas burner. Issued 9-27-38. (28)
- 2,131,929; Amme Hermann Carl. Heat exchange surface. Issued 10-4-38. (28)
- 2,131,936; Del Genovese Pietro. Control device for atomizer nozzles. Issued 10-4-38. (38)
- 2,131,979; Seidl Erich. Appliance for testing vehicle tires and road surfaces. Issued 10-4-38. (28)
- 2,131,987; All. Norddeutsche Seekabelwerke A G. Electric cable with air space insulation. Issued 10-4-38. (28)
- 2,132,010; Barry Paul. Stuffing box packing. Issued 10-4-38. (28)
- 2,132,070; Hoerbiger Alfred et al; Schabetsberger Friedrich. Method of electromagnetically regulating the output of compressors. Issued 10-4-38. (6)
- 2,132,086; Scheffler Max Friedrich. Printing apparatus. Issued 10-4-38. (28)
- 2,132,087; Schmid Richard Karl et al; Wezel Walter Paul. Skinning device. Issued 10-4-38. (28)
- 2,132,107; Hamm Alois. Road roller. Issued 10-4-38. (28)
- 2,132,120; Scheyer Sophie et al; Arcari Sandro. Pouring or dropping vessel. Issued 10-4-38. (28)
- 2,132,167; All. Hauser and Sobotka A G. Process of producing dry enzymatic preparation from animal organs. Issued 10-4-38. (28)
- 2,132,189; All. Metallschlauch Fabrik. Flexible metal tube. Issued 10-4-38. (28)
- 2,132,192; All. Mercedes Buro Maschinen. Calculating machine. Issued 10-4-38. (28)
- 2,132,227; Winkler Alfred et al; Dunnebler Max. Process and apparatus for the manufacture of envelopes bags and other like articles. Issued 10-4-38. (28)
- 2,132,259; All. Soc Italiana Pirelli. Electric cable. Issued 10-4-38. (38)
- 2,132,313; Namiki Ryosuke. Closure of ink bottles. Issued 10-4-38. (39)
- 2,132,361; All. I G Farbenindustrie A G. Process of chlorinating methyl aromatic compounds. Issued 10-4-38. (28)
- 2,132,452; All. Deckel Friedrich. Engraving machine. Issued 10-11-38. (28)
- 2,132,486; All. Junkers Flugzeug und. Control of fluid-operated pistons. Issued 10-11-38. (28)
- 2,132,579; Rohm Otto. Method for producing unhaird hides with the aid of mold tryptases. Issued 10-11-38. (28)
- 2,132,641; Otto Carl. Regenerative coke oven. Issued 10-11-38. (28)
- 2,132,646; Rieppel Paul et al; Grantz Siegfried. Method of operating internal combustion engines having regulations of charge quantities. Issued 10-11-38. (28)
- 2,132,673; All. Siemens reiniger Werke AKG. Unitary roentgen apparatus. Issued 10-11-38. (28)
- 2,132,890; All. Peyinghaus Walter. Lubricating means for bearings. Issued 10-11-38. (28)
- 2,132,893; All. I G Farbenindustrie AKG. Photographic printing. Issued 10-11-38. (28)
- 2,132,900; Koch Imre; Hunyadt Laszlo et al. Oil distilling apparatus. Issued 10-11-38. (34)
- 2,132,904; Martinez Arturo et al; Martinez Angelo; Martinez Matteo. Screen for three dimensional projections. Issued 10-11-38. (38)
- 2,132,948; Gottschalk Karl. Tilting device for drum melting furnaces. Issued 10-11-38. (34)
- 2,133,038; All. Muller Heinrich. Blow switch operated toy. Issued 10-11-38. (28)
- 2,133,055; Hebel Martin. Telephone system. Issued 10-11-38. (28)
- 2,133,056; All. Telefonbau und Normalzeit AKG. Telegraph transmitter. Issued 10-11-38. (28)
- 2,133,105; Messer Adolf. Apparatus for separating oxygen from air and delivering the oxygen under pressure. Issued 10-11-38. (28)
- 2,133,124; Tornow Maximilian Albrecht. Safety device for gas systems. Issued 10-11-38. (28)
- 2,133,132; All. Zeiss Ikon AKG. Method and means for reproducing balanced sound records. Issued 10-11-38. (28)
- 2,133,191; All. Fortuna Werke Spezialmaschinen device for dressing grinding wheels. Issued 10-11-38. (28)
- 2,133,194; Horn Ernst. Toy. Issued 10-11-38. (28)
- 2,133,197; Innocenti Ferdinando. Device for uniting tubes of metallic structures. Issued 10-11-38. (38)
- 2,133,203; Wertheim Hugo; Liebesny Paul et al. Method of promoting the growth and activity of microorganisms. Issued 10-11-38. (6)
- 2,133,382; All. Soc Italiana Pirelli. High tension electric cable. Issued 10-18-38. (38)
- 2,133,399; All. Soc Italiana Pirelli. Electric cable and method of repairing the same. Issued 10-18-38. (38)
- 2,133,458; Lesage Alfred. Cooling system for sideboard motors. Issued 10-18-38. (28)
- 2,133,478; All. Adlerwerke Vorm Heinrich. Internal combustion engine. Issued 10-18-38. (28)
- 2,133,479; Schmalfeldt Hans. Method for gasifying finely divided fuel with circulating gas. Issued 10-18-38. (28)
- 2,133,521; Fechner Fritz W; Wussow Reinhard et al. Ice making apparatus. Issued 10-18-38. (28)
- 2,133,535; All. Minerva S A. Treatment of Schappe thread bands of artificial silk and apparatus therefor. Issued 10-18-38. (38)
- 2,133,634; Rohn Wilhelm. Electric induction furnace. Issued 10-18-38. (28)
- 2,133,660; Eckl Karl. Overhead wire clamp. Issued 10-18-38. (28)
- 2,133,661; All. Rheinmetall Borsig A G. Automatic firearm. Issued 10-18-38. (28)
- 2,133,705; Juffa Wilhelm. Glass apparatus for chemical laboratories. Issued 10-18-38. (28)
- 2,133,707; All. Ehrlich and Graetz A G. Burner for incandescent light. Issued 10-18-38. (28)
- 2,133,713; Nesper Peter. Process for the production of color films and color photographs. Issued 10-18-38. (6)
- 2,133,738; Chaoul Henri. Method of and apparatus for making radiographs of body layers. Issued 10-18-38. (28)
- 2,133,895; Kuhl Georg Walter. Process of softening water. Issued 10-18-38. (28)
- 2,133,947; Boecler Albert. Dipping machine for producing seamless articles from substances in solution. Issued 10-25-38. (28)
- 2,133,984; 1/2. Heller Gebruder. Tongs. Issued 10-25-38. (28)
- 2,134,063; All. Magyar Ruggyantaarugyar. Rubber toy. Issued 10-25-38. (34)
- 2,134,084; Hausdorf Erich. Telephone ear-piece. Issued 10-25-38. (28)
- 2,134,132; All. Siemens Apparate UFN. Method and system for the vertical navigation of blind landing airplanes. Issued 10-25-38. (28)
- 2,134,160; Kornegg Oscar Freiherr von Kohorn ZU. Manufacture of artificial staple fibers. Issued 10-25-38. (28)
- 2,134,209; Schwenker Paul. Last for orthopedic shoes. Issued 10-25-38. (28)
- 2,134,227; Forkardt Hermann Paul Max DEC. Operating mechanism for chucks. Issued 10-25-38. (28)
- 2,134,235; Pollak Fritz. Production of moldable compositions. Issued 10-25-38. (6)
- 2,134,276; All. Seelig & Hille. Preparation of self filtering ground coffee. Issued 10-25-38. (28)
- 2,134,300; Guberan Christian. Portable advertising device. Issued 10-25-38. (28)
- 2,134,303; All. Blume M Erich. Signal storage tape marking machine. Issued 10-25-38. (28)
- 2,134,329; All. Mauser Werke A G. Differential material feeder for sewing machines of the supporting arm type. Issued 10-25-38. (28)
- 2,134,343; All. Olympia Buromaschinenwerke A G. Device for varying the strength of the type impression in typewriting office machines. Issued 10-25-38. (28)
- 2,134,466; Lentz Hugo et al; (28) Lentz Hugo Johannes (6). Compound steam engine. Issued 10-25-38.
- 2,134,494; Winterstein Helene. Face paint base. Issued 10-25-38. (6)
- 2,134,621; All. Eisen U Stahlwerk Walter. Bearing. Issued 10-25-38. (28)
- 2,134,804; All. Rekuperator GmbH. Air heater for blast furnaces. Issued 11-1-38. (28)
- 2,134,923; Mauser Alfons. Tool for applying seal caps. Issued 11-1-38. (28)
- 2,134,951; All. Prazisions Werkstätten Seeger Co. Time-delay relay. Issued 11-1-38. (28)
- 2,135,013; Hagemann Johanna; Nitz Else et al. Clamping means for folders. Issued 11-1-38. (28)
- 2,135,016; Sandt Kurt. Sole pressing last. Issued 11-1-38. (28)
- 2,135,026; All. Leitz Ernst GmbH. Moving picture camera. Issued 11-1-38. (28)
- 2,135,142; Obermayr Paul. Knitting darning machine. Issued 11-1-38. (28)
- 2,135,395; All. Frolsch Ernst. Manufacture of multicolored rubber mixings. Issued 11-1-38. (28)
- 2,135,529; Puening Franz. Coke oven with internally heated heating walls. Issued 11-8-38. (28)
- 2,135,608; Valentin Carl et al; Haller Erwin. Shuttle changing device for looms. Issued 11-8-38. (28)
- 2,135,639; Gorham William R. Turret centering and locking mechanism. Issued 11-8-38. (39)
- 2,135,640; Holtmeier Anton. Lathe with horizontal faceplate. Issued 11-8-38. (28)
- 2,135,777; All. Korting and Mathiesen A G. Apparatus for feeding rod shaped bodies. Issued 11-8-38. (28)
- 2,135,816; Hintsches Karl. Method for the production of the contours in the drawing to be transferred by heliogravure upon the intaglio cylinders or plates. Issued 11-3-38. (28)
- 2,135,845; Reusch Hans. Multiple lead pencil. Issued 11-8-38. (28)
- 2,135,850; Schmid Max. Mechanical toy. Issued 11-8-38. (28)
- 2,135,883; Dallenbach Walter. Electric discharge apparatus. Issued 11-8-38. (28)
- 2,135,992; All. Walther Carl. Automatic pistol. Issued 11-8-38. (28)



- 2,136,013; Lentz Hugo Johannes. Insert for converting piston valve engines into pop-pet valve engines. Issued 11-8-38. (6)
- 2,136,049; Hering Ewald. Transmission mechanism. Issued 11-8-38. (28)
- 2,136,062; All. Rheinmetall Borsig Agwerk Borsig. Apparatus for extracting paraffin from mineral oils. Issued 11-8-38. (28)
- 2,136,148; All. Ihagee Kamerawerk Steenbergen and Co. Reflex camera. Issued 11-8-38. (28)
- 2,136,149; All. Ihagee Kamerawerk Steenbergen and Co. Lens mount. Issued 11-8-38. (28)
- 2,136,154; Specht Max. Process of conserving roasted coffee. Issued 11-18-38. (28)
- 2,136,208; All. Rutgerswerke A G. Process for converting liquid pitch into a fragmentary transportable form. Issued 11-8-38. (28)
- 2,136,266; All. Re Necker J E A G. Teeth generating machine. Issued 11-8-38. (28)
- 2,136,288; All. Mauser Werke A G. Throat plate for sewing machine. Issued 11-8-38. (28)
- 2,136,290; Fend Kurt. Interchangeable lead pencil. Issued 11-8-38. (28)
- 2,136,309; All. Korting and Mathiesen A G. Arc lamp. Issued 11-8-38. (28)
- 2,136,322; Sebastiani Peter. Fire protecting device with film projectors in cinemas. Issued 11-8-38. (28)
- 2,136,485; Berka Fritz et al; Giller Alexander. Method of denicotinizing tobacco. Issued 11-15-38. (6)
- 2,136,505; Hirschson Richard. Machine for automatic forming and delivery of ice cream. Issued 11-15-38. (28)
- 2,136,767; All. Edeleanu GmbH. Method or refining mineral oils by means of aromatic fluorine compounds. Issued 11-15-38. (28)
- 2,136,770; Witzenmann Emil. Flexible conduit. Issued 11-15-38. (28)
- 2,136,815; Forster August et al; Ruckert Ludwig. Orthopedic boot or shoe. Issued 11-15-38. (28)
- 2,136,842; Denner Georg. Actuating means for siphon discharge apparatus in water flushing installations. Issued 11-15-38. (28)
- 2,136,846; Furlotti Amato. Lubricating oil. Issued 11-15-38. (38)
- 2,136,853; Knecht Alfred. Filter. Issued 11-15-38. (28)
- 2,136,871; All. Riedel J D E De Haen A G. Luminescent zinc compounds. Issued 11-15-38. (28)
- 2,136,949; All. I G Farbenindustrie A G. Acceleration of vulcanization of rubber. Issued 11-15-38. (28)
- 2,136,963; All. Bohme Fettchemie GmbH. Fire extinguishing method and medium. Issued 11-15-38. (28)
- 2,136,994; Pauling Harry. Manufacture of calcium nitrate from ammoniacal gases. Issued 11-15-38. (28)
- 2,136,995; Rinkel Paul. Sextant. Issued 11-15-38. (28)
- 2,136,996; All. Goldschmidt Th A G. Decomposition of complex sulphate salts containing alkali sulphates and alkaline earth sulphates. Issued 11-15-38. (28)
- 2,137,061; Quentin Alberto. Process and device for tempering glass. Issued 11-15-38. (38)
- 2,137,070; All. Kalle & Co A G. Film projecting apparatus. Issued 11-15-38. (28)
- 2,137,131; Cheli Luigi. Switching device. Issued 11-15-38. (38)
- 2,137,159; All. Horn Ernst. Toy vehicle. Issued 11-15-38. (28)
- 2,137,261; All. Sprengung Tauchgesellschaft. Method of and device for flushing in blasting charges. Issued 11-22-38. (28)
- 2,137,280; Hartmann Fritz. High temperature thermocouple. Issued 11-22-38. (28)
- 2,137,307; Rabald Willy. Sound record for talking machines. Issued 11-22-38. (28)
- 2,137,338; Gosmann Walther. Apparatus for producing foam for fire extinguishing purposes. Issued 11-22-38. (28)
- 2,137,346; All. Schumag Schumacher. Device for guiding the rollers of antifriction bearings. Issued 11-22-38. (28)
- 2,137,363; All. Chemische Studien Ges. Furnace for melting fine and granular substances. Issued 11-22-38. (28)
- 2,137,466; Tonnies Hans Ferdinand. Photoelectric photometer. Issued 11-22-38. (28)
- 2,137,510; All. Telefunken Ges fur Drahtlose. Gramophone record. Issued 11-22-38. (28)
- 2,137,573; All. Fabrica Italiana Magnet. Screw and nut device. Issued 11-22-38. (38)
- 2,137,609; All. Lorenz A G. Electron tube. Issued 11-22-38. (28)
- 2,137,626; All. Mix & Genest A G; Hermann Quarg. Telephone system. Issued 11-22-38. (28)
- 2,137,629; All. Lorenz A G. Method of controlling high frequency transmitters. Issued 11-22-38. (28)
- 2,137,639; All. Junkers Flugzeug und. Light metal alloy. Issued 11-22-38. (28)
- 2,137,788; Strobel Gotthold. Sole attaching press. Issued 11-22-38. (28)
- 2,137,845; All. Werke Anker A G. Blocking device for cash registers bookkeeping machines or the like. Issued 11-22-38. (28)
- 2,137,870; Ksoll Joseph. Supporting surface for flying machines. Issued 11-22-38. (28)
- 2,137,908; All. Bremer Woll Kammerel. Method of and apparatus for preparing silvers. Issued 11-22-38. (28)
- 2,137,909; All. Berghaus Bernhard. Double spot welding. Issued 11-22-38. (28)
- 2,137,911; Innocenti Ferdinando. Wall fastener. Issued 11-22-38. (38)
- 2,137,942; All. Siemens Apparate und Maschinen. Attitude control means for aircraft. Issued 11-22-38. (28)
- 2,137,945; Mathesius Walther. Process for producing titanium steel. Issued 11-22-38. (28)
- 2,137,955; All. I G Farbenindustrie A G. Manufacture of artificial cellulose products. Issued 11-22-38. (28)
- 2,137,977; Kattwinkel Hans. Laminated disk clutch. Issued 11-22-38. (28)
- 2,138,059; All. Leitz Ernst GmbH. Photographic camera. Issued 11-29-38. (28)
- 2,138,061; Friedinger Albert. Sheet metal container. Issued 11-29-38. (28)
- 2,138,142; All. Maschinenfabrik Augsburg Nurnberg. Pressure adjusting device. Issued 11-29-38. (28)
- 2,138,178; All. Dresden Leipziger Schnellpressen. Sheet delivery device for printing machines. Issued 11-29-38. (28)
- 2,138,179; All. Dresden Leipziger Schnellpressen. rotary printing machine. Issued 11-29-38. (28)
- 2,138,213; All. Mauser Werke A G. Fire arm. Issued 11-29-38. (28)
- 2,138,229; All. Rheinmetall Borsig A G. Means for portaging guns. Issued 11-29-38. (28)
- 2,138,240; All. Maschinenfabrik Friedrich Haas. Drying apparatus. Issued 11-29-38. (28)
- 2,138,282; Lanninger Karl Ludwig. Rotating sprinkler. Issued 11-29-38. (28)
- 2,138,292; Casale Aurelio. Armature coil for dynamo electric machines. Issued 11-29-38. (38)
- 2,138,321; Bratasianu Constantin Paul. Special retort and apparatus for refining raw materials in solid liquid vapor and gaseous form. Issued 11-29-38. (57)
- 2,138,334; All. Parrilli Dring Roberto. Washing machine. Issued 11-29-38. (38)
- 2,138,345; Junghans Helmut. Pendulum locking device for clocks. Issued 11-29-38. (28)
- 2,138,393; Wichtendahl Rudolf. Friction clutch. Issued 11-29-38. (28)
- 2,138,394; Wuppermann Wilhelm. Apparatus for manufacturing rayon. Issued 11-29-38. (28)
- 2,138,420; All. Bayernwerk A G. Electrical overhead cable. Issued 11-29-38. (28)
- 2,138,486; Diamant Erde Hans; Fournes Ernst et al. Photographic developer. Issued 11-29-38. (6)
- 2,138,548; Kuroda Sadayosi. Connection system for primary windings of transformers for use in commutator type converters. Issued 11-29-38. (39)
- 2,138,555; Otvos Ervin. Apparatus for screening out secondary X-rays with a continuously moved grid. Issued 11-29-38. (34)
- 2,138,573; All. Vereinigte Chemische Fabriken. Electroplating. Issued 11-29-38. (28)
- 2,138,619; Bruckmoser Ludwig; Sjeinlein Gustav et al. Freewheel brake hub driven by a motor mounted in the driving wheel. Issued 11-29-38. 28.
- 2,138,666; Pestarini Giuseppe M. Direct current dynamo electric machine. Issued 11-29-38. (38)
- 2,138,667; Pestarini Joseph M. Direct current commutating type dynamo electric machine. Issued 11-29-38. (38)
- 2,138,703; Matuschke Walter. Method of printing. Issued 11-29-38. (28)
- 2,138,704; Matuschke Walter. Method of preparing a press for printing and printing press. Issued 11-29-38. (28)
- 2,138,733; D Amico Albert. Anticryptogamic composition. Issued 11-29-38. (38)
- 2,138,749; Skudies Viktor. Hand harmonica. Issued 11-29-38. (28)
- ; All. Bosch Robert GmbH. Process for the manufacture of electrostatic condensers. (28)
- 2,138,909; All. Freudenberg Carl GmbH. Process for the manufacture of waterproof shaped products. Issued 12-6-38. (28)
- 2,138,929; Loibl Toni. Device for preventing overflowing especially designed for funnels. Issued 12-6-38. (28)
- 2,138,939; All. Durkoppwerke A G. Bobbin case controlling device. Issued 12-6-38. (28)
- 2,138,972; All. Knorr Bremse A G. Breech mechanism. Issued 12-6-38. (28)
- 2,138,987; All. Wanderer Werke Vorm Winkelhofer &. Machine Tool and the like. Issued 12-6-38. (28)
- 2,139,095; All. Wanderer Werke Vorm Winkelhofer. Typewriting machine. Issued 12-6-38. (28)
- ; All. Siemens & Halske A G. Telephone system. (28)
- 2,139,185; All. Teves Alfred Maschinen und. Pressure actuated piston lock release. Issued 12-6-38. (28)
- 2,139,192; Krekel Paul. Aircraft undercarriage. Issued 12-6-38. (28)
- 2,139,209; Rohm Otto. Method for producing deaired hides with the aid of mold tryptases in alkaline solution. Issued 12-6-38. (28)
- 2,139,210; Sauerbier Erwin. Ballistic game apparatus. Issued 12-6-38. (28)
- 2,139,218; Asai Hitoshi. Fountain pen packing. Issued 12-6-38. (39)
- 2,139,284; Reiseler Hermann. Combustion engine. Issued 12-6-38. (28)
- 2,139,316; Rambold Adolf. Stapling apparatus. Issued 12-6-38. (28)
- 2,139,488; Cicin Paul. Roller sluice bearing structure. Issued 12-6-38. (6)
- 2,139,594; Kort Ludwig. Combined propelling and steering device for screw propelled ships. Issued 12-6-38. (28)
- 2,139,608; Seidl Karl. Explosion actuated percussion tool. Issued 12-6-38. (28)
- 2,139,760; Losche Hanns. Process and apparatus for the continuous production of warm air or gases for drying and other convenient purposes. Issued 12-13-38. (28)

<sup>1</sup> So in original document.

- 2,139,819; Graetz Fritz. Preheater. Issued 12-13-38. (28)
- 2,139,828; Kandyba Julius. Method and apparatus for examining the compression and the ignition of internal combustion engines by means of a small illuminating tube. Issued 12-13-38. (28)
- 2,139,830; Kopmann Wilhelm. Bakers mold. Issued 12-13-38. (28)
- 2,139,906; All. Zahnradfabrik Friedrichshafen A G. Differential. Issued 12-13-38. (28)
- 2,140,093; All. Universelle Cigarettenmaschinen. Cigar-shaping machine. Issued 12-13-38. (28)
- 2,140,134; Petzoldt Karl; Kohler Hermann et al. Double shed loom. Issued 12-13-38. (28)
- 2,140,205; All. Delmag Deutsche Elektromaschinen. Diesel engine. Issued 12-13-38. (28)
- 2,140,218; All. Zellstoffabrik Waldhof. Cellulose cooking process. Issued 12-13-38. (28)
- 2,140,237; Leitner Franz. Welding wire for carbon electrode arc welding. Issued 12-13-38. (6)
- 2,140,238; Leitner Franz. Welding wire for electric arc welding. Issued 12-13-38. (6)
- 2,140,240; Lieberknecht Karl Richard. Device for regulating the length of the loops in straight bar knitting machines. Issued 12-13-38. (28)
- 2,140,435; Stieber Wilhelm Gustav Otto. Bearing. Issued 12-13-38. (28)
- 2,140,485; All. Edeleanu GmbH. Method of refining mineral oils. Issued 12-13-38. (28)
- 2,140,630; Illguth Gustav. Helmet. Issued 12-20-38. (28)
- 2,140,653; All. Bernheimer Norbert. Multiple lead pencil. Issued 12-20-38. (28)
- 2,140,667; All. Bamag Meguim A G. Apparatus for controlling power operated valves. Issued 12-20-38. (28)
- 2,140,693; All. Mauser Werke A G. Machine for producing combined cross and covering seams. Issued 12-20-38. (28)
- 2,140,709; All. Mauser K G. Constructional element. Issued 12-20-38. (28)
- 2,140,719; Rohrbacker Karl. Method & device for feeding leaflike workpieces to a separating device. Issued 12-20-38. (28)
- 2,141,080; All. Pintsch Julius K G. Ultra short wave tube. Issued 12-20-38. (28)
- 2,141,112; Neupert Bernhard. Egg carrying device. Issued 12-20-38. (28)
- 2,141,166; Bischof Bernhard. Hydraulic transmission. Issued 12-27-38. (28)
- 2,141,167; Bischof Bernhard. Control means for hydraulic transmission. Issued 12-27-38. (28)
- 2,141,168; Bischof Bernhard. Slide valve arrangement for hydraulic gears. Issued 12-27-38. (28)
- 2,141,247; All. Lorenz C A G. Arrangement for wireless signaling. Issued 12-27-38. (28)
- 2,141,269; All. Wanderer Werke Vorm Winkelhofer and. Control mechanism for calculating machines. Issued 12-27-38. (28)
- 2,141,345; Coenen Heinrich. Protective means for shoes. Issued 12-27-38. (28)
- 2,141,349; All. Carbo Norit Union Verwaltungs GmbH. Process for the recovery of carbon disulphide from industrial effluent waters. Issued 12-27-38. (28)
- 2,141,360; All. Mahler Robert. Liquid fuel burner. Issued 12-27-38. (6)
- 2,141,365; All. Pallas Apparate GmbH. Fuel regulator for carburetors. Issued 12-27-38. (28)
- 2,141,390; Hintsches Karl. Means for fixing the picture carrier on copper intaglio printing cylinders. Issued 12-27-38. (28)
- 2,141,401; Martinka Michael. Gas turbine. Issued 12-27-38. (28)
- 2,141,407; Ritzerfeld Wilhelm. Duplicating apparatus. Issued 12-27-38. (28)
- 2,141,429; All. Lange and Geilen. Fluid control system for hydraulic motors. Issued 12-27-38. (28)
- 2,141,463; All. Telephon Apparat Fabrik E Zwietsch. Telephone metering system. Issued 12-27-38. (28)
- 2,141,505; Bobrzyk Wilhelm. Bearing system. Issued 12-27-38. (28)
- 2,141,574; Wamser Heinrich. Paper cutting appliance. Issued 12-27-38. (28)
- 2,141,582; All. Wimberger L. Kommanditgesellschaft. Cutting machine such as a safety razor. Issued 12-27-38. (6)
- 2,141,615; Pott Alfred. Production of extracts from carbonaceous material. Issued 12-27-38. (28)
- 2,141,699; Stern Eugen. Foot arch support. Issued 12-27-38. (28)
- 2,141,749; Hauser Michael. Maximum current switch. Issued 12-27-38. (28)
- 2,141,754; Kohler Willy. Lubricating device for rings and travelers. Issued 12-27-38. (28)
- 2,141,972; Feiler Malwin. Face shield. Issued 12-27-38. (28)
- 2,141,995; Leitner Franz. Welding wire. Issued 12-27-38. (6)
- 2,141,996; Leitner Franz. Wire for electric welding. Issued 12-27-38. (6)
- 2,141,997; Linde Richard et al; Hausen Helmut. Process for the decomposition of air by liquefaction and rectification. Issued 12-27-38. (28)
- 2,142,003; Morgelin Konrad. Conveyor chain. Issued 12-27-38. (28)
- 2,142,011; Spiess Georg. Sheet delivery apparatus for folding machines. Issued 12-27-38. (28)
- 2,142,193; Janz Franzjakob. Cold sealing mass. Issued 1-3-39. (28)
- 2,142,214; Scharpenberg Ewald. Arm and plate tongs. Issued 1-3-39. (28)
- 2,142,271; All. Universelle Cigarettenmaschinen. Transfer or delivery device for cigarette rod machines. Issued 1-3-39. (28)
- 2,142,279; All. I G Farbenindustrie A G. Adhesive. Issued 1-3-39. (28)
- 2,142,308; All. Drela Flechtmaterial GmbH. Twisted strand. Issued 1-3-39. (28)
- 2,142,311; Heidenhain Johannes. Process for the preparation of washed out reliefs. Issued 1-3-39. (28)
- 2,142,312; Heinz Karl Heinrich. Multiple pencil especially for make up sticks. Issued 1-3-39. (28)
- 2,142,348; Dornseifer Heinrich. Means for gumming or moistening labels envelopes or the like. Issued 1-3-39. (28)
- 2,142,369; Miller Christoph. Vehicle shock-responsive device. Issued 1-3-39. (28)
- 2,142,389; All. Weissenberg Carl. Process of producing artificial threads. Issued 1-3-39. (28)
- 2,142,446; All. Lindes Elmmaschinen A G. Ges. Process and apparatus for the separation of gases by rectification. Issued 1-3-39. (28)
- 2,142,473; All. Schmidt Sche Heissdampf Ges M H. Method and apparatus for regulating the operation of steam-boiler plants particularly for deep drilling operations. Issued 1-3-39. (28)
- 2,142,480; Satzinger Gebhard. Food-comminuting machine. Issued 1-3-39. (28)
- 2,142,516; All. Siemens Apparate and Maschinen. Navigating instrument for aircraft. Issued 1-3-39. (28)
- 2,142,628; Ballert Otto. Control device for reciprocating working pistons. Issued 1-3-39. (28)
- 2,142,758; Ossolnack Andrea. Ferroconcrete reinforcement section. Issued 1-3-39. (6)
- 2,142,790; Kodaira Ozo. Container for oil lard or the like. Issued 1-3-39. (39)
- 2,142,802; All. Leitz Ernst GmbH. Dilatometer. Issued 1-3-39. (28)
- 2,142,976; All. Vasanta Maschinenfabrik A G. Gear. Issued 1-3-39. (28)
- 2,143,079; All. Heinrich Maltner Kom Ges. Atomizer for liquid with pressure pump constructed as flat extensible vessel. Issued 1-10-39. (28)
- 2,143,120; Cavallo Friedrich. Continuously variable change speed gear. Issued 1-10-39. (28)
- 2,143,195; All. Vereinigte Spielwarenfabriken. Track for toy railways. Issued 1-10-39. (28)
- 2,143,209; Rambold Adolf. Apparatus for perforating bands of cellulose foil metal foil and the like. Issued 1-10-39. (28)
- 2,143,214; All. Egeyult Izzolampa es Villamossagi. Production of images. Issued 1-10-39. (34)
- 2,143,218; Thurner Michael. Device for lifting and lowering heavy office machines in desks. Issued 1-10-39. (28)
- 2,143,252; Von Kohorm zu Kornegg Oscar Freiherr. Cutting or shearing device. Issued 1-10-39. (28)
- 2,143,297; All. Barmer Maschinenfabrik A G. Winding machine with driving drum drive for the winding bobbin. Issued 1-10-39. (28)
- 2,143,308; Flach Paul. Folded box. Issued 1-10-39. (28)
- 2,143,316; Hoffmann Emil. Method and machine for binding packages with wire. Issued 1-10-39. (28)
- 2,143,322; Knobel Franz Jr. Ball joint coupling for trailers of motor vehicles. Issued 1-10-39. (28)
- 2,143,325; All. Konstruktion und Verwertung. Cogwheel change speed gearing. Issued 1-10-39. (28)
- 2,143,391; Szekely Georg. Electrically driven fluid pump. Issued 1-10-39. (28)
- 2,143,428; All. Mercedes Buromaschinen Werke A G. Typewriting and calculating machine. Issued 1-10-39. (28)
- 2,143,435; Dietrich Friedrich Richard. Reflector for searchlights. Issued 1-10-39. (28)
- 2,143,486; Lieberknecht Paul. Flat hosiery frame knitting machine. Issued 1-10-39. (28)
- 2,143,495; Nier Bruno. Lantern. Issued 1-10-39. (28)
- 2,143,498; Reichert Joseph. Apparatus for controlling the pressure of the rollers of comminuting apparatus rolling mills and the like. Issued 1-10-39. (28)
- 2,143,524; Renck Hans Hermann Heinrich et al; Renck Carl. Process for producing planographic printing plates. Issued 1-10-39. (28)
- 2,143,553; Hamaguchi Kaijiro. Emergency brake for automobiles. Issued 1-10-39. (39)
- 2,143,562; Kros Josef. Securing means for the screw threaded bases of electric current leads. Issued 1-10-39. (28)
- 2,143,610; All. Farbenindustrie A G. Apparatus for treating solids with physical and chemical reactants. Issued 1-10-39. (28)
- 2,143,630; Nebel Max. Circular knitting machine. Issued 1-10-39. (28)
- 2,143,741; All. Mercedes Buromaschinen Werke A G. Shift device for calculating machines. Issued 1-10-39. (28)
- 2,143,778; Jacobi Willy. Collar and collar shirt. Issued 1-10-39. (28)
- 2,143,793; Niederreither Hans. Bracing for assembled electrolytic cell bodies or the like. Issued 1-10-39. (28)
- 2,143,915; All. Telefunken Ges fur Drahtlose. Indirectly heated cathode. Issued 1-17-39. (28)
- 2,143,986; All. Bohme H TH A G. Emulsions and process of making the same. Issued 1-17-39. (28)
- 2,143,987; Koller Karl. Gas producer. Issued 1-17-39. (34)
- 2,144,036; All. Siemens & Halske A G. Amplitude limiting device. Issued 1-17-39. (28)



- 2,144,040; All. Kall Chemie A G. Intensifying foil for X-ray photography. Issued 1-17-39. (28)
- 2,144,067; All. I G Farbenindustrie A G. Splinterless glass. Issued 1-17-39. (28)
- 2,144,074; All. Maybach Motorenbau GmbH. Automatic clutch control device. Issued 1-17-39. (28)
- 2,144,085; All. Telefunken Ges fur Drahtlose. Electron discharge tube. Issued 1-17-39. (28)
- 2,144,095; All. Deckel Friedrich Prazisionsmechanick. Cutter grinding machine. Issued 1-17-39. (28)
- 2,144,135; All. Junkers Flugzeug und. Rudder brake. Issued 1-17-39. (28)
- 2,144,151; Heinen Andreas. Method and apparatus for shrinking of knitted textile fabrics. Issued 1-17-39. (28)
- 2,144,176; Amann Max. Communication system. Issued 1-17-39. (28)
- 2,144,202; All. I G Farbenindustrie A G. Saponifying cellulose esters. Issued 1-17-39. (28)
- 2,144,222; All. Telefunken Ges fur Drahtlose. Electron discharge device. Issued 1-17-39. (28)
- 2,144,237; All. Allgemeine Elektrizitats Ges. Amplifier arrangement. Issued 1-17-39. (28)
- 2,144,296; Namiki Ryosuke. Fountain pen. Issued 1-17-39. (39)
- 2,144,297; All. I G Farbenindustrie A G. Manufacture of tanning materials. Issued 1-17-39. (28)
- 2,144,325; All. Telefunken ges fur Drahtlose. Tuning dial arrangement. Issued 1-17-39. (28)
- 2,144,332; Glaser Amandus. Method of soldering hollow bodies. Issued 1-17-39. (28)
- 2,144,349; All. Telefunken ges fur Drahtlose. Amplifier circuit. Issued 1-17-39. (28)
- 2,144,353; All. Siemens & Halske A G. Variable inductance device. Issued 1-17-39. (28)
- 2,144,370; All. Telefunken ges fur Drahtlose. Method of cutting bodies soluble in liquid. Issued 1-17-39. (28)
- 2,144,421; Wangemann Paul. Rectifier of heavy electric currents. Issued 1-17-39. (28)
- 2,144,461; Muller Heinrich. Toy motor vehicle. Issued 1-17-39. (28)
- 2,144,509; All. Telefunken ges fur Drahtlose. Circuit arrangement for a variable electric resistance. Issued 1-17-39. (28)
- 2,144,901; All. Lindner Herbert. Profiling diamonds. Issued 1-24-39. (28)
- 2,144,911; Cohn Martin. Apparatus for the manufacturing of flakes. Issued 1-24-39. (28)
- 2,144,936; All. Lorenz A G C. Arrangement for electric intercommunication. Issued 1-24-39. (28)
- 2,144,955; All. Ufficio Tecnico Industriale Tessili. Lathe. Issued 1-24-39. (38)
- 2,144,964; De Falco Mario. Aperiodic oscillating coupling joint with constant transmission ratio. Issued 1-24-39. (38)
- 2,144,993; All. Oesterreichische Dynamit Nobel A G. Copper zinc alloys. Issued 1-24-39. (6)
- 2,144,995; Pulvari Pulvermacher Karl. Means for avoiding disturbances in the reception of electric oscillations. Issued 1-24-39. (34)
- 2,145,017; Tsuneda Kenjiro. Variable compression ratio internal combustion engine. Issued 1-24-39. (39)
- 2,145,065; All. Vereinigte Deutsche Metallwerke A G. Drawn brass bearing alloys. Issued 1-24-39. (28)
- 2,145,158; Dammann Karl. Method of applying tar or bitumen to road surfaces. Issued 1-24-39. (28)
- 2,145,185; All. Edeleanu GmbH. Process for refining hydrocarbon oils by means of esters. Issued 1-24-39. (28)
- 2,145,328; Walther Fritz. Automatic firearm. Issued 1-31-39. (28)
- 2,145,355; Jereczek Viktor. Milling machine. Issued 1-31-39. (28)
- 2,145,845; Borrmann Waldermar et al; Keune Albert. Piston for internal combustion engines. Issued 2-7-39. (28)
- 2,146,751; Linder Willy. Industrial furnace and the like. Issued 2-14-39. (28)
- 2,146,827; Kruspi Friedrich. Liquid flow meter. Issued 2-14-39. (28)
- 2,146,842; Niessen Hubert et al; Ulbrich Max. Splint. Issued 2-14-39. (28)
- 2,146,872; All. Deutsche Eisenwerke A G. Method for operating cupola shaft furnaces. Issued 2-14-39. (28)
- 2,146,888; Fisch Arthur. Elastic sock for footwear. Issued 2-14-39. (28)
- 2,146,892; Frey Alfred et al; Gluck Hans. Process of producing butyl alcohol and acetone by fermentation. Issued 2-14-39. (28)
- 2,146,906; All. Lindner Herbert. Device for adjusting a rotatable and tiltably mounted table with respect to the axis of a drilling spindle. Issued 2-14-39. (28)
- 2,146,914; All. Pintsch Julius. Potential regulating apparatus. Issued 2-14-39. (28)
- 2,146,919; Stihl Andreas. Two-stroke internal combustion engine. Issued 2-14-39. (28)
- 2,146,938; Claus Bruno. Production of photographic emulsions. Issued 2-14-39. (28)
- 2,146,943; Doblhoff Walther. Spring arrangement. Issued 2-14-39. (6)
- 2,146,945; Ehrig Hans et al; Keilhauer Ulrich. Sheet feeder. Issued 2-14-39. (28)
- 2,146,958; All. Carbo Norit Union Verwaltungs. Process of removing objectionable smell or taste from flour or similar ground products. Issued 2-14-39. (28)
- 2,146,963; All. Dresden Leipziger Schnellpressen. Rotary printing machine. Issued 2-14-39. (28)
- 2,146,987; All. Steatit Magnesia A G. High frequency iron core. Issued 2-14-39. (28)
- 2,147,094; All. Maschinenfabrikheekmann GmbH. Distilling rectifying fractionating or washing column. Issued 2-14-39. (28)
- 2,147,106; All. Ihagee Kamerawerk Steenberg. Roll film cushion. Issued 2-14-39. (28)
- 2,147,109; Sander Ernst. Apparatus for treating gases. Issued 2-14-39. (28)
- 2,147,177; All. Minami Manshu Tetsudo. Method of hydrogenation of fatty acid glycerides. Issued 2-14-39. (39)
- 2,147,278; All. Universelle. Machine for the manufacture of filters for cigarettes. Issued 2-14-39. (28)
- 2,147,381; All. Vertriebs ges des Leipziger. Generation of extremely large short duration energy impulses. Issued 2-14-39. (28)
- 2,147,396; All. Metrawatt A G Fabrik. Photoelectric exposure meter. Issued 2-14-39. (28)
- 2,147,408; Kaufer Rudolf. Means for securely fastening a photograph on a certificate of identity for passports. Issued 2-14-39. (28)
- 2,147,424; All. Siemens Reiniger Werke A G. Roentgen tube control. Issued 2-14-39. (28)
- 2,147,435; Gehrcke Ernst. Apparatus and method for improving the air. Issued 2-14-39. (28)
- 2,147,512; Toshi Asanuma. Circuit breaker. Issued 2-14-39. (39)
- 2,147,518; All. Auto Union A G. Spring suspension. Issued 2-14-39. (28)
- 2,147,549; Roselius Ludwig. Process for the manufacture of a food product from cocoa powder grape sugar dextrose and mineral salts. Issued 2-14-39. (28)
- 2,147,615; Baroni Augusto. Optical device for panoramic telescopes and the like equivalent to the amici rotating prism. Issued 2-14-39. (34)
- 2,147,687; Becker Emil. Apparatus for cross-wise riveting and for other striking work. Issued 2-21-39. (28)
- 2,147,714; Pastor Carl Theodor. Electrospindle and spindle for high speeds. Issued 2-21-39. (28)
- 2,147,753; Broche Hans Pott Alfred et al. Production of extracts from solid carbonaceous material. Issued 2-21-39. (28)
- 2,147,763; Becker Emil. Flush or countersunk riveting. Issued 2-21-39. (28)
- 2,147,813; All. C Lorenz A G. High frequency receiver. Issued 2-21-39. (28)
- 2,147,814; All. C Lorenz A G. Antenna structure. Issued 2-21-39. (28)
- 2,147,820; All. C Lorenz A G. Circuit arrangement for recording telephonic communications. Issued 2-21-39. (28)
- 2,147,848. Lange Emil. Arc-rupturing device for electric safety fuses. Issued 2-21-39. (28)
- 2,147,862; Sollinger Hans. Beer dispensing apparatus. Issued 2-21-39. (6)
- 2,147,949; Muller Heinrich. Blow switch operated toy. Issued 2-21-39. (28)
- 2,147,961; All. Metrawatt A G Fabrik Elektrische. Photoelectric exposure meter. Issued 2-21-39. (28)
- 2,147,975; Glesau Reinhold. Traveling grate for flue tube boilers. Issued 2-21-39. (28)
- 2,147,988; Pauling Harry. Production of alkali metal nitrates. Issued 2-21-39. (28)
- 2,147,993; All. Junkers Flugzeug und Motorwerke. Means for separating gases from liquids. Issued 2-21-39. (28)
- 2,147,994; All. Fr Hesser Maschinenfabrik A G. Machine for withdrawing from a pile and opening collapsed folding boxes. Issued 2-21-39. (28)
- 2,147,997; Sprenger Arthur. Compound firing for gas heated zone thrust furnaces. Issued 2-21-39. (28)
- 2,147,999; Tonnies Hans Ferdinand. Exposure meter. Issued 2-21-39. (28)
- 2,148,015; All. Universelle Cigarettenmaschinen. Machine for stripping and sorting tobacco leaves. Issued 2-21-39. (28)
- 2,148,025; Koehler Karl. Locomotive superheater. Issued 2-21-39. (28)
- 2,148,040; Schwarzkopf Paul. Method of manufacturing composite materials and shaped bodies thereof. Issued 2-21-39. (6)
- 2,148,045; All. Bernhard Berghaus. Method of cathode disintegration. Issued 2-21-39. (28)
- 2,148,046; All. Bernhard Berghaus. Method of metal coating by cathode disintegration. Issued 2-21-39. (28)
- 2,148,124; All. Carl Neithold. Holder for transparent pictures. Issued 2-21-39. (28)
- 2,148,215; Nier Bruno. Hurricane Lantern. Issued 2-21-39. (28)
- 2,148,225; Zecha Otto. Sound record disk. Issued 2-21-39. (6)
- 2,148,334; Wortmann Ernst. Rot protecting covering for wooden posts sleepers and the like. Issued 2-21-39. (28)
- 2,148,397; Bock Fritz. Ophthalmic mounting. Issued 2-21-39. (28)
- 2,148,523; Baermann Max Jr. Apparatus for weighing. Issued 2-28-39. (28)
- 2,148,545; Keltling Max Tramm Henrich Dorndorf Heinrich et al. Apparatus for carrying through catalytic reactions. Issued 2-28-39. (28)
- 2,148,585; Schlesinger Ernst Oskar. Clasp for bracelets wrist watches waist girdles etc. Issued 2-28-39. (6)
- 2,148,594; All. Olympia Buromaschinenwerke A G. Calculating mechanism. Issued 2-28-39. (28)
- 2,148,624; Janowitz Arnold. Display device. Issued 2-28-39. (28)
- 2,148,636; All. Franke & Heidecke Fabrik. Film feed mechanism for photographic roll film cameras. Issued 2-28-39. (28)
- 2,148,639; All. Maschinenfabrik Augsburg Nurnberg. Engine frame. Issued 2-28-39. (28)
- 2,148,641; Reich Erno. Transformer for electrical measuring instruments. Issued 2-28-39. (34)

- 2,148,696; Kampfer Adolf. Apparatus for removing the solvent from solutions of resilient substances which are applied in considerable thickness to the single sheets of laminated glass for forming the nonsplintering intermediate layers. Issued 2-28-39. (28)
- 2,148,802; All. Buderus Sche Eisenwerke. Apparatus for the manufacture of centrifugally-cast pipes. Issued 2-28-39. (28)
- 2,148,818; Kattwinkel Hans. Vehicle brake. Issued 2-28-39. (28)
- 2,148,862; All. Chemische Fabrik R Baumeheier. Anticorrosion agent. Issued 2-28-39. (28)
- 2,148,867; Lesage Alfred. Divisible Bowden device. Issued 2-28-39. (28)
- 2,148,917; Von Heinrich Friedrich. Wiping device. Issued 2-28-39. (34)
- 2,148,923; Beisser Georg. Dec. Apparatus for automatically indicating the weight of the pickling brine to be supplied to meat for the purpose of pickling the latter. Issued 2-28-39. (28)
- 2,148,934; All. Lampen und Metallwaren Fabriken R. Cinematographic camera. Issued 2-28-39. (6)
- 2,148,935; Gehhardt Hans. Acetylene gas producing plant. Issued 2-28-39. (28)
- 2,148,937; Gerb William. Apparatus for damping vibrations. Issued 2-28-39. (28)
- 2,148,938; Goldschmid Otto et al; Goldschmid Kurt. Shuttle. Issued 2-28-39. (6)
- 2,148,950; Maier Friedrich Eugen. Car body for automobiles. Issued 2-28-39. (28)
- 2,148,953; All. Heinkel Ernst. Adjustable seat with movable back for airplanes. Issued 2-28-39. (28)
- 2,148,955; All. Zahnradfabrik Friedrichshafen A G. Method of and means for dressing rotating disks for grinding gears with inclined teeth. Issued 2-28-39. (28)
- 2,148,956; All. Zahnradfabrik Friedrichshafen A G. Method of and means for truing grinding disks. Issued 2-28-39. (28)
- 2,148,963; Rauch Curt. Photographic camera. Issued 2-28-39. (28)
- 2,148,967; All. Arado Flugzeugwerke GmbH. Wing flap. Issued 2-28-39. (28)
- 2,148,996; Pastor Carl Theodor. Device for twisting textile threads or the like. Issued 2-28-39. (28)
- 2,149,020; Hering Ewald. Change speed gear. Issued 2-28-39. (28)
- 2,149,031; Schonfeld Paul. Manufacture of warp goods provided with rubber threads. Issued 2-28-39. (28)
- 2,149,032; Schoenfeld Paul. Production of plain warp goods. Issued 2-28-39. (28)
- 2,149,040; Klein Hermann; Binder Richard et al. Hydraulic shock absorber. Issued 2-28-39. (28)
- 2,149,056; All. Universelle Cigarettenmaschinen Fabrik sc Mueller Co. Apparatus for supplying cut tobacco to cigarette machines. Issued 2-28-39. (28)
- 2,149,160; Hartmann Otto; Block Berthold et al. Method for purifying steam. Issued 2-28-39. (28)
- 2,149,179; Moser Johannes. Method of improving tobacco by fermentation. Issued 2-28-39. (28)
- 2,149,180; Muller Heinrich. Mechanically propelled toy with automatic reversal in the opposite direction. Issued 2-28-39. (28)
- 2,149,181; Krautzberger Albert. Spray gun for paints and the like. Issued 2-28-39. (28)
- 2,149,193; All. Auja Industrie Kommanditgesellschaft. Knife. Issued 2-28-39. (28)
- 2,149,194; All. Lindner Herbert. Screw threaded spindle and method of making same. Issued 2-28-39. (28)
- 2,149,218; Schencke Karl; Heinisch Paul et al. Motion picture camera. Issued 2-28-39. (28)
- 2,149,232; Schmidtman Emil. Tunnel construction. Issued 2-28-39. (28)
- 2,149,249; Nitsche Paul. Process for the production of aqueous solutions of sulphur and metal sulphides. Issued 2-28-39. (28)
- 2,149,353; Lentz Hugo. Reversing gear for steam engines with poppet valve gear especially for locomotive and marine steam engines. Issued 3-7-39. (28)
- 2,149,384; All. Leitz Ernst GmbH. View finder for photographic cameras. Issued 3-7-39. (28)
- 2,149,385; Bendele Adolf. Pane fastener. Issued 3-7-39. (28)
- 2,149,419; Bruse Walter. Link type connecting rod. Issued 3-7-39. (28)
- 2,149,425; Draemann Max. Rubber thread and method of making same. Issued 3-7-39. (28)
- 2,149,434; All. Soprani Mario. Valve structure for musical instruments. Issued 3-7-39. (38)
- 2,149,438; Trede Hans; Hartmann Otto H. et al. Boiler. Issued 3-7-39. (28)
- 2,149,444; Kohlmann Gerhard. Automatic coin counting and wrapping machine. Issued 3-7-39. (28)
- 2,149,445; Kreiten Paul. Dispensing and closing device for tablets pills and the like. Issued 3-7-39. (28)
- 2,149,446; Kunz Alfonz. Fire extinguisher. Issued 3-7-39. (34)
- 2,149,460; Muller Eugen Ludwig. Carbureting in internal combustion engines. Issued 3-7-30. (28)
- 2,149,477; All. Schmidt Sche Heissdampf GmbH. Marine water tube boiler. Issued 3-7-39. (28)
- 2,149,521; Georgi Fritz. Roofing Tile. Issued 3-7-39. (28)
- 2,149,524; Muhn Gustav. Packing for the shafts of rotary machines turbines and the like. Issued 3-7-39. (28)
- 2,149,540; Muller Waldemar. Parachute. Issued 3-7-39. (28)
- 2,149,554; All. Universelle Cigarettenmaschinen Fabrik J C Muller. Machine for the production of box parts. Issued 3-7-39. (28)
- 2,149,562; All. Ruhrchemie A G. Process for producing liquid fuels from gaseous olefins. Issued 3-7-39. (28)
- 2,149,625; Pabst Hans. Folding box. Issued 3-7-39. (28)
- 2,149,671; Wilm Diederich; Franck Hans Heinrich et al. Process for purifying carbon black which has been formed on iron containing contacts. Issued 3-7-39. (28)
- 2,149,672; Zieke Karl; Hey Emil; Franck Hans Heinrich; Frank Albert Rudolph et al. Process for making a press powder. Issued 3-7-39. (28)
- 2,149,711; Stock Friedrich J J. Fountain brush. Issued 3-7-39. (28)
- 2,149,785; All. Junkers Flugzeug und Motorenwerke. Machine set. Issued 3-7-39. (28)
- 2,149,791; All. Reinecker J E A G. Machine tool. Issued 3-7-39. (28)
- 2,149,793; All. Junkers Flugzeug und Motorenwerke. Internal combustion engine. Issued 3-7-39. (28)
- 2,149,895; Maruhn Herbert. Springing. Issued 3-7-39. (28)
- 2,149,907; All. Steffen Otto. Universal joint. Issued 3-7-39. (28)
- 2,149,912; All. Netzschkauer Maschinenfabrik Franz Stark. Method for the manufacture of clear ice. Issued 3-7-39. (28)
- 2,149,919; Krenzler Emil. Shaping machine. Issued 3-7-39. (28)
- 2,149,932; Zippel Richard. Spraying apparatus. Issued 3-7-39. (28)
- 2,149,986; Welker William. Flat knitting frame. Issued 3-7-39. (28)
- 2,150,047; All. Metrawatt A G Fabrik Elektrischer. Photoelectric exposure meter. Issued 3-7-39. (28)
- 2,150,057; Fisch Arthur. Shoe sole. Issued 3-7-39. (28)
- 2,150,285; Marek Bela et al; Sebesta Claude. Hair curling apparatus. Issued 3-14-39. (34)
- 2,150,324; Grunbaum Ludwig. Automatic coin-operated time control switch mechanism. Issued 3-14-39. (28)
- 2,150,340; Rohn Wilhelm. Cooling rolling mill. Issued 3-14-39. (28)
- 2,150,354; Berndt Karl. Method and apparatus for simultaneously spinning and twisting artificial threads. Issued 3-14-39. (28)
- 2,150,365; Dzewior Kurt. Photographic camera with automatic exposure adjustment. Issued 3-14-39. (28)
- 2,150,394; All. Sachtleben A G fur Bergbau und. Method of recovering zinc and barium from waste waters. Issued 3-14-39. (28)
- 2,150,395; All. Riken Almite Kogyo Kabushiki. Method of coloring the surface of aluminum or its alloys for acid proof and alkali proof. Issued 3-14-39. (39)
- 2,150,409. All. Riken Arumaitokogyo Kabushiki Kaisha. Process of dyeing anodic oxidized coating of aluminium or its alloys. Issued 3-14-39. (39)
- 2,150,500; All. Werth Karl. Sparking plug. Issued 3-14-39. (28)
- 2,150,613; Stassinot Theodor. Continuous heating furnace. Issued 3-14-39. (28)
- 2,150,617; Weihe Hermann Kurt. Hydraulic brake. Issued 3-14-39. (28)
- 2,150,715; De Falco Mario. One-way clutch mechanism. Issued 3-14-39. (38)
- 2,150,790; Szeszich Lajos Von. Method of producing high quality carbon black. Issued 3-14-39. (28)
- 2,150,950; Thoma Hans. Power transmission mechanism. Issued 3-21-39. (28)
- 2,150,964; Dornseif; Hugo. Skate. Issued 3-21-39. (28)
- 2,150,968; All. I G Farbenindustrie A G. Production of conversion products from cellulose or cellulosic materials. Issued 3-21-39. (28)
- 2,150,969; Hafner Raoul. Rotary wing aircraft. Issued 3-21-39. (6)
- 2,150,977; Kraft Josef. Electrically operated stopping device for high speed rope-making machines. Issued 3-21-39. (28)
- 2,150,996; All. Soc Italiana Sfruttamento. Double ignition system for internal combustion engines. Issued 3-21-39. (38)
- 2,151,017; Dorrer Johannes. Tailor's model. Issued 3-21-39. (28)
- 2,151,022; All. Alkaliwerke Westeregeln GmbH. Process for the manufacture of alkali metal fluorides and hydroxides. Issued 3-21-39. (28)
- 2,151,087; Dietze Reinhold. Heat exchange apparatus. Issued 3-21-39. (28)
- 2,151,132; All. Maybach Motorenbau GmbH. Change speed gear. Issued 3-21-39. (28)
- 2,151,165; All. Gewerkschaft Auguste. Process of treating carbon or Carbonaceous compounds. Issued 3-21-39. (28)
- 2,151,166; All. Gewerkschaft Auguste. Process of treating cellulosic material. Issued 3-21-39. (28)
- 2,151,167; All. Gewerkschaft Auguste. Process of treating colloidal hydrocarbons. Issued 3-21-39. (28)
- 2,151,168; All. Gewerkschaft Auguste. Process of treating organic oxygen compounds. Issued 3-21-39. (28)
- 2,151,212; All. Silesia Verein Chemischer Fabriken. Process for the manufacture of polysulphide plastics. Issued 3-21-39. (28)
- 2,151,267; Finsterwalder Ulrich. Truss girder and method of producing the same. Issued 3-21-39. (28)
- 2,151,287; All. Agahd Walter. Steering device for endless track driven vehicles. Issued 3-21-39. (28)
- 2,151,288; All. Rheinmetall Borsig A G. Gun loading device. Issued 3-21-39. (28)



- 2,151,324; Jordan Wolfgang. Freewheel hub with coaster brake. Issued 3-21-39. (28)
- 2,151,370; Asahine Yasuhiko. Process for preparing a new tetralin derivative. Issued 3-21-39. (39)
- 2,115,371; Asahina Yasuhiko. Process for preparing acyl derivatives of tetralylquinol. Issued 3-21-39. (39)
- 2,151,398; All. Fabrik Chemischer praeparate. Method of producing air foam. Issued 3-21-39. (28)
- 2,151,514; All. Kali Forschungs Anstalt GmbH. Method of and apparatus for conveying material containing at least one expansible constituent. Issued 3-21-39. (28)
- 2,151,532; All. Kalle and Co A G. Light sensitive layers. Issued 3-21-39. (28)
- 2,151,540; Varga Alexander. Heat exchanger and method, of making same. Issued 3-21-39. (34)
- 2,151,546; Arnold Carl. Mechanical toy in the form of a soldier throwing a hand grenade. Issued 3-21-39. (28)
- 2,151,558; Maueler Carl. Process for varnishing sliding clasp fasteners. Issued 3-21-39. (28)
- 2,151,566; Sander Wilhelm. Nonskid cap for bicycle dynamos. Issued 3-21-39. (28)
- 2,151,572; Stadelbauer Walter. Truing tool for grinding wheels. Issued 3-21-39. (28)
- 2,151,585; Buxbaum Bertold. Mineral oil. Issued 3-21-39. (28)
- 2,151,596; All. Dinglerwerke A G. Valve. Issued 3-21-39. (28)
- 2,151,619; All. Deutsche Erdol A G. Process for obtaining pure paraffin. Issued 3-21-39. (28)
- 2,151,630; All. Rheinmetall Borsig A G. Gun having means for directly canting the trunnion axis. Issued 3-21-39. (28)
- 2,151,652; All. Hoffman Donner Dorothy. Device for articles of clothing or washable undergarments. Issued 3-21-39. (6)
- 2,151,713; Niemann Hans. Arrangement to avoid condensation within cold insulations. Issued 3-28-39. (28)
- 2,151,714; Pavesi Ugo Dec. Change speed device. Issued 3-28-39. (38)
- 2,151,735; All. Bresser Maria. Colored picture projector. Issued 3-28-39. (28)
- 2,151,759; Hardensett Heinrich. External combustion engine. Issued 3-28-39. (28)
- 2,151,793; Patin Albert. Positional receiver. Issued 3-28-39. (28)
- 2,151,817; Wenschow Karl. Process for the production of plane photographs having plastic or relief effects. Issued 3-28-39. (28)
- 2,151,830; Buhl Paul Dec. Radial antifriction bearing. Issued 3-28-39. (28)
- 2,151,838; All. Schnellpressenfabrik A G. Single revolution cylinder printing press. Issued 3-28-39. (28)
- 2,151,855; All. Maschinenfabrik Esslingen. Compressor for carbon dioxide snow. Issued 3-28-39. (28)
- 2,151,884; All. Lorenz C A G. Combined space and wired radio receiver. Issued 3-28-39. (28)
- 2,151,885; All. Lorenz A G. Electric discharge vessel. Issued 3-28-39. (28)
- 2,151,889; All. Lorenz C A G. Electromagnetic recording arrangement. Issued 3-28-39. (28)
- 2,151,912; All. Lorenz C A G. High frequency generator. Issued 3-28-39. (28)
- 2,151,921; All. Lorenz C A G. Method of modulating high frequency transmitters. Issued 3-28-39. (28)
- 2,151,922; All. Lorenz C A G. Receiver for electromagnetic waves. Issued 3-28-39. (28)
- 2,151,936; All. Lorenz C A G. Character transmitting system. Issued 3-28-39. (28)
- 2,151,942; All. Lorenz C A G. Television method. Issued 3-28-39. (28)
- 2,151,976; All. Siemens Apparate und. Instrument arrangement for aircraft motors. Issued 3-28-39. (28)
- 2,152,062; Kolarik Michael. Siphon discharge apparatus. Issued 3-28-39. (6)
- 2,152,185; All. Posnansky Karl Werner. Process for sulphurizing organic compounds having unsaturated linkages of an aliphatic character. Issued 3-28-39. (28)
- 2,152,327; All. Pintsch Julius. Alternating current commutator machine. Issued 3-28-39. (28)
- 2,152,353; Lewin Hans. Roentgen photography. Issued 3-28-39. (28)
- 2,152,410; Iily Francesco. Apparatus for the preparation of coffee infusions. Issued 3-28-39. (38)
- 2,152,411; Isendahl Herbert. Gas producer. Issued 3-28-39. (28)
- 2,152,427; Wolf Hermann. Stabilizing device. Issued 3-28-39. (28)
- 2,152,726; Baroni Augusto. Universal panoramic telescope. Issued 4-4-39. (38)
- 2,152,805; All. Gustav Schwarz Kommanditgesellschaft. Air propeller. Issued 4-4-39. (28)
- 2,152,817; Reusch Hans. Multiple lead pencil. Issued 4-4-39. (28)
- 2,152,903; Mastini Domenico. Radio receiver combined with coin collector boxes. Issued 4-4-39. (38)
- 2,152,925; Saraga Ernest. Manufacture of transparent flexible sheets. Issued 4-4-39. (57)
- 2,152,947; All. Rheinmetall Borsig A G. Switching apparatus for electrically counting rapid reciprocating movements. Issued 4-4-39. (28)
- 2,152,956; Etkorn Rudolf. Mixing system. Issued 4-4-39. (28)
- 2,152,976; All. Boehringer C H Sohn. Racemization of optically active compounds. Issued 4-4-39. (28)
- 2,153,001; All. Siemens Schuckertwerke A G. Steam generator with forced passage of the operating medium. Issued 4-4-39. (28)
- 2,153,024; Pulidori Palmiro. Atomizer for liquids in general and in particular for liquid fuels. Issued 4-4-39. (38)
- 2,153,028; Schanzer Felix. Bearing. Issued 4-4-39. (28)
- 2,153,089; Kubler Carl. Means for mounting an adding and subtracting device on slide rules. Issued 4-4-39. (28)
- 2,153,105; Szecsi Istvan. Device for laboratory measuring of liquids. Issued 4-4-39. (34)
- 2,153,107; Torma Stefan. Automatic central buffer coupling for railway cars. Issued 4-4-39. (34)
- 2,153,276; Schwabach Georg. Device for removing ashes. Issued 4-4-39. (28)
- 2,153,331; All. Nitro Kemia Ipartelepék. Process for the preparation of gun powder by means of an acetone and alcohol solvent mixture. Issued 4-4-39. (34)
- 2,153,379; All. Ehrlich & Graetz A G. Device for feeding liquid fuel. Issued 4-4-39. (28)
- 2,153,464; Haag Johannes. Supporting plate for chill molds. Issued 4-4-39. (28)
- 2,153,606; All. Leitz Ernst GmbH. Camera carrying case. Issued 4-11-39. (28)
- 2,153,629; All. Maschinenfabrik. Method and apparatus for making dry ice. Issued 4-11-39. (28)
- 2,153,645; Schonfeld Paul. Warp goods provided with rubber threads. Issued 4-11-39. (28)
- 2,153,653; Stux Gustav. Irradiated dusting powder. Issued 4-11-39. (6)
- 2,153,659; All. Doppenschmitt Firm Ph. Band body for ornamental and practical purposes. Issued 4-11-39. (28)
- 2,153,717; Kiss Wilhelm. Combined hot water and steam. Generating device. Issued 4-11-39. (34)
- 2,153,719; Kuhsel Joseph Albert. Convertible excavator. Issued 4-11-39. (28)
- 2,153,720; All. Olivetti firm Ing C and C. Noiseless typewriter. Issued 4-11-39. (38)
- 2,153,726; Scoppola Giorgio. Vent device for hot water heating apparatus. Issued 4-11-39. (38)
- 2,153,735. All. Triumph Werke Nurnberg A G. Noiseless one-way clutch mechanism for the silent return of the paper carriage in writing machines. Issued 4-11-39. (28)
- 2,153,758; Junghans Helmut. Mechanical time fuse. Issued 4-11-39. (28)
- 2,153,765; Mahlke Wilhelm. Elevator door lock. Issued 4-11-39. (6)
- 2,153,805; Kammer George Stephen. Internal combustion engine. Issued 4-11-39. (34)
- 2,153,820; Volk Franz. Process for producing water gas free from tar and hydrocarbons. Issued 4-11-39. (6)
- 2,153,982; All. Universelle. Tobacco spreader for cigarette making machines. Issued 4-11-39. (28)
- 2,153,984; All. Universelle. Pneumatic conveying pipe. Issued 4-11-39. (28)
- 2,154,150; De Becze George. Apparatus for carrying out physical and chemical reactions. Issued 4-11-39. (34)
- 2,154,264; All. Siemens Schuckertwerke A G. Vapor electric device. Issued 4-11-39. (28)
- 2,154,288; All. Telefunken Ges fur Drahtlose. Electrical recorder. Issued 4-11-39. (28)
- 2,154,324; Couyoumdjian Agop Ohan. Photographic camera with exposure meter. Issued 4-11-39. (28)
- 2,154,333; Kampfer Adolf. Process for extruding plastic masses onto sheets. Issued 4-11-39. (28)
- 2,154,361; Schieferstein Georg Heinrich. System for the transmission of mechanical power. Issued 4-11-39. (28)
- 2,154,534; Schuster Hans. Method of manufacturing annular disks. Issued 4-18-39. (28)
- 2,154,578; Pallesen Hans Peter. Self-inking stamping machine for linen or the like. Issued 4-18-39. (28)
- 2,154,710; Thoma Hans. Power transmission. Issued 4-18-39. (28)
- 2,154,759; All. Pintsch Kg Julius. Electronic tube. Issued 4-18-39. (28)
- 2,154,823; Reichert Georg. Hardness testing machine. Issued 4-18-39. (28)
- 2,154,851; Kind Oscar. Device for tensioning metal binding strips for packages and the like. Issued 4-18-39. (28)
- 2,154,866; Renck Heinrich. Printers ink. Issued 4-18-39. (28)
- 2,154,934; Hahn Georg. Purified bee poison. Issued 4-18-39. (28)
- 2,154,938; All. Zahnradfabrik Friedrichshafen A G. Truing device for grinding wheels. Issued 4-18-39. (28)
- 2,154,941; Kampschulte Josef. Atomizer for liquids. Issued 4-18-39. (28)
- 2,154,953; Majer Christian. Tube making machine. Issued 4-18-39. (28)
- 2,154,961; All. Sächsische Textilmaschinenfabrik. Mule spinning machine. Issued 4-18-39. (28)
- 2,154,979; Genef Christo Nikoloff. Process for the manufacture of A 3 Alkoxy 4 hydroxy benzaldehyde. Issued 4-18-39. (11)
- 2,154,987; Martin Erich. Saw set device. Issued 4-18-39. (28)
- 2,154,988; All. Nippon Sekiyu Kabushiki Kaisha. Method of refining cracked oil by using metallic soaps. Issued 4-18-39. (39)
- 2,155,074; Avorio Luigi. Parachute pack with a single releasing hook. Issued 4-18-39. (38)
- 2,155,087; All. Studiengesellschaft der Deutschen. Process of depilating hides and skins. Issued 4-18-39. (28)
- 2,155,095; Kramer Wilhelm. Electrowelding of wire nettings. Issued 4-18-39. (28)

- 2,155,098; All. Krupp Germaniawerft A G Fried. Fuel injecting device for internal combustion engines. Issued 4-18-39. (28)
- 2,155,100; Scelzo Luigi. Safety device for projectile fuses. Issued 4-18-39. (38)
- 2,155,121; Finsterwaider Ulrich. Ferro-concrete beam. Issued 4-18-39. (28)
- 2,155,130; Hanel Franz. Antiskidding device for motor vehicles. Issued 4-18-39. (28)
- 2,155,134; All. Deutsches Reich Reichsmonopolver. Fermentation process. Issued 4-18-39. (28)
- 2,155,148; Rinne Albert. Method of manufacturing caffeine-containing chocolate. Issued 4-18-39. (28)
- 2,155,283; All. Deutsche Edelstahlwerke A G. Ingot mold. Issued 4-18-39. (28)
- 2,155,307; All. Kupfers Metallwerk Kom Ges Bonn. Soldering agent. Issued 4-18-39. (28)
- 2,155,325; All. Neilsen. Process for removing bismuth from copper or copper containing melts and products. Issued 4-18-39. (28)
- 2,155,455; Thoma Hans. Hydraulic motor and pump. Issued 4-25-39. (28)
- 2,155,494; Kober Wilhelm. Wringing device. Issued 4-25-39. (28)
- 2,155,586; All. Vereingte Deutsch Metallwerk AG. Arrangement for automatically regulating the pitch of variable-pitch propellers. Issued 4-25-39. (28)
- 2,155,602; All. Deutsche, Rohrenwerke AG. Apparatus for testing pipe connections. Issued 4-25-39. (28)
- 2,155,653; Graf Hugo. Method for freshing up ink ribbons. Issued 4-25-39. (28)
- 2,155,680; Pfauter Michael. Rotary table for machine tools. Issued 4-25-39. (28)
- 2,155,762; All. Tensfeldt Ernst. Device for issuing tickets cards and the like. Issued 4-25-39. (28)
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- 2,156,048; All. Lorenz C AG. Electric discharge device. Issued 4-25-39. (28)
- 2,156,051; All. Lorenz C AG. Ultra short-wave transmitter. Issued 4-25-39. (28)
- 2,156,055; All. Lorenz C AG. Goniometer. Issued 4-25-39. (28)
- 2,156,056; All. Lorenz C AG. Method of producing carrier frequencies. Issued 4-25-39. (28)
- 2,156,060; All. Lorenz C AG. System for determining positions by radio beacons. Issued 4-25-39. (28)
- 2,156,061; All. Lorenz C AG. System for determining positions by radio beacons. Issued 4-25-39. (28)
- 2,156,080; All. Lorenz C AG. Alarm device. Issued 4-25-39. (28)
- 2,156,094; All. Lorenz C AG. Method of reproducing telephonic communications. Issued 4-25-39. (28)
- 2,156,098; All. Lorenz C AG. Method of transmitting characters. Issued 4-25-39. (28)
- 2,156,099; All. Lorenz C AG. Condenser. Issued 4-25-39. (28)
- 2,156,188; Meyer Hermann. Vulcanizing apparatus. Issued 4-25-39. (28)
- 2,156,238; Frankmann Hans et al; Haakh Hermann. Method of manufacturing hats and products thereof. Issued 4-25-39. (6)
- 2,156,263; All. Mlnami Manshu Tetsudo Kabushiki. Method of manufacturing iron by direct reduction. Issued 5-2-39. (39)
- 2,156,330; All. Barmer Maschinenfabrik A G. Double-twist twisting spindle. Issued 5-2-39. (28)
- 2,156,338; Henkel Hermann; Heyner Willi et al. Screw-threaded connecting means. Issued 5-2-39. (28)
- 2,156,348; All. Oesterreichische Dynamit Nobel AG. Copper zinc alloys. Issued 5-2-39. (6)
- 2,156,360; Stahn Albert. Arc lamp. Issued 5-2-39. (28)
- 2,156,369; All. Egesult Izzolampa es Villamossagi. High pressure arc lamp. Issued 5-2-39. (34)
- 2,156,371; All. Wanderer Werke Vorm Winkhofer. Line spacing mechanism. Issued 5-2-39. (28)
- 2,156,387; Goldfinger Isidoro. Electromagnetic latch bolt. Issued 5-2-39. (38)
- 2,156,399; All. Mauser Werke A G. Presser foot for sewing machines. Issued 5-2-39. (28)
- 2,156,400; All. Klonne Aug. Spherical container for storing fluids such as gas and liquids. Issued 5-2-39. (28)
- 2,156,402; All. Raschig F GmbH. Process for separating phenol and hydrogen chloride from the mixture of vapors obtained by passing chlorobenzene vapor and steam over a contact at a raised temperature. Issued 5-2-39. (28)
- 2,156,439; Takeda Kenjiro. Aluminum disk suitable for use in manufacturing circular articles. Issued 5-2-39. (39)
- 2,156,451; All. Siegle G & Co GmbH. Chromium hydroxide green. Issued 5-2-39. (28)
- 2,156,464; Schulz Otto Fritz. Production of polymethin dyestuffs. Issued 5-2-39. (28)
- 2,156,472; All. Maschinenfabrik Carl Zangs A G. Device for conducting the thread in winding machines. Issued 5-2-39. (28)
- 2,156,477; Keller Anton M. Table tennis racket. Issued 5-2-39. (6)
- 2,156,500; Jeschor Paul. Boring machine gauge. Issued 5-2-39. (28)
- 2,156,517; Stam Erich. Combination tea strainer and drop catcher. Issued 5-2-39. (28)
- 2,156,536; All. Union Special Maschinenfabrik. Sewing machine. Issued 5-2-39. (28)
- 2,156,767; Michalk Otto. Shoemaking machine. Issued 5-2-39. (28)
- 2,156,780; All. Unverselle. Apparatus for forming cigar tips. Issued 5-2-39. (28)
- 2,156,848; Groote Andreas. Bearing block or pedestal for marine vessels. Issued 5-2-39. (28)
- 2,156,851; Hansgirt Fritz. Production of heavy water. Issued 5-2-39. (39)
- 2,156,922; All. Unverselle. Cigar making machine. Issued 5-2-39. (28)
- 2,156,924; All. Buttner Werke AG. Pneumatic circulation drier. Issued 5-2-39. (28)
- 2,157,013; Pommer Erwin. Bottle sealing apparatus. Issued 5-2-39. (6)
- 2,157,032; Strobel Oskar. Sewing machine. Issued 5-2-39. (28)
- 2,157,061; Siegling Ernst. Driving belt. Issued 5-2-39. (28)
- 2,157,088; All. Vasanta Maschinenfabrik A G. Speed regulating device. Issued 5-2-39. (28)
- 2,157,090; Niederreither Hans. Method of insulating electrolytic apparatus operated under pressure. Issued 5-2-39. (28)
- 2,157,146; All. Deutsche Edelstahlwerke A G. Scale resisting steel alloy. Issued 5-9-39. (28)
- 2,157,284; Egersdorfer Fritz. Fuel feeding device for internal combustion engines. Issued 5-9-39. (28)
- 2,157,285; Egersdorfer Fritz. Fuel feeding device for internal combustion engines. Issued 5-9-39. (28)
- 2,157,288; Gauss Eugen. Attaching hook for watch wristlets. Issued 5-9-39. (28)
- 2,157,300; Neuhaus Arthur. Circular knitting machine. Issued 5-9-39. (28)
- 2,157,306; All. Arado Flugzeugwerke GmbH. Ammunition box. Issued 5-9-39. (28)
- 2,157,319; All. Naturin GmbH. Method of hardening structures produced from fibrous masses derived from animal hide substances. Issued 5-9-39. (28)
- 2,157,321; Bussmeyer Hans. Method of and apparatus for treating cement raw material and similar. Issued 5-9-39. (28)
- 2,157,556; Menschner Johannes. Machine for labeling webs. Issued 5-9-39. (28)
- 2,157,564; All. Seiffert Franz Co A G. Expansion bend. Issued 5-9-39. (28)
- 2,157,670; Ono Sonoji. Foldable umbrella frame. Issued 5-9-39. (39)
- 2,157,683; Volrath Paul. Device for mixing sifting and kneading. Issued 5-9-39. (28)
- 2,157,801; Repper Ludwig. Apparatus for the charging of cigarette making machines. Issued 5-9-39. (28)
- 2,157,949; Benz Johannes. Wrapping machine. Issued 5-9-39. (28)
- 2,157,952; All. Pintsch Jullus Kommanditgesellschaft. Thermionic valve. Issued 5-9-39. (28)
- 2,157,969; Rohm Otto. Method for producing hides with the aid of mold tryptases. Issued 5-9-39. (28)
- 2,157,986; Hossenfelder Georg. Arrangement for connecting structural elements. Issued 5-9-39. (28)
- 2,158,219; Claus Bruno. Method of producing photographic emulsions. Issued 5-16-39. (28)
- 2,158,234; All. Junkers Therese. Composite sheetmetal wall structure. Issued 5-16-39. (28)
- 2,158,286; All. Goebel A G. Web cutting and rewinding machine. Issued 5-16-39. (28)
- 2,158,331; Lentz Hugo. Poppet valve control for steam locomotives. Issued 5-16-39. (28)
- 2,158,385; Schweln Carl Fritz. Electric coupling for vehicles. Issued 5-16-39. (28)
- 2,158,427; Reichert Joseph. Process for extracting oil or fat containing substances and the like. Issued 5-16-39. (28)
- 2,158,499; Grassmann Wolfgang et al; Reich Hans. Method for decomposing scleroproteins and new products obtained thereby. Issued 5-16-39. (28)
- 2,158,500; Guerra Ugo. Magnetic field direction finder. Issued 5-16-39. (38)
- 2,158,584; All. Siemens Apparate und. Course finding method and apparatus. Issued 5-16-39. (28)
- 2,158,607; All. Barmer Maschinenfabrik A G. Thread drawing off device on double twisting machines. Issued 5-16-39. (28)
- 2,158,622; Festenberg Pakisch Bruno V. Driving chain. Issued 5-16-39. (28)
- 2,158,663; Leyst Kuchenmeister Carl. Process for manufacturing soap. Issued 5-16-39. (28)
- 2,158,723; Junghans Helmut. Means for controlling pendulum clocks. Issued 5-16-39. (28)
- 2,158,836; All. Kalle and Co A G. Production of light sensitive diazotype layers. Issued 5-16-39. (28)
- 2,158,893; Beiersdorf Hans. Door tension device for motor vehicles. Issued 5-16-39. (28)
- 2,158,894; Brintzinger Wilhelm. Testing plant for internal combustion engines. Issued 5-16-39. (28)
- 2,158,897; Cippico Giuseppe. Smoking device. Issued 5-16-39. (38)
- 2,158,903; All. Friedmann Firm Alex. Axle bearing for railway vehicles. Issued 5-16-39. (6)
- 2,158,951; Szigetl Ladislaus. Process for selecting single colors or color tones from pictures comprising several colors or color tones especially for reproduction purposes. Issued 5-16-39. (34)
- 2,159,073; Bremicker Walter. Molding machine and mold for the centrifugal casting of annular bodies. Issued 5-23-39. (28)
- 2,159,086; All. Krupp Fried A G. Manufacture of high speed steels. Issued 5-23-39. (28)



- 2,159,142; All. Siemens Apparate und Maschinen. Automatic rudder control for aircraft. Issued 5-23-39. (28)
- 2,159,170; All. Maybach Motorenbau GmbH. Device for actuating a clutch and a change speed gear in automobiles. Issued 5-23-39. (28)
- 2,159,242; Yanagi Masaji. Pipe joint. Issued 5-23-39. (39)
- 2,159,294; Schimanek Emil. Carburetor. Issued 5-23-39. (34)
- 2,159,302; Rab Karl et al; Walter Karl. Decorative covering for flowerpots. Issued 5-23-39. (28)
- 2,159,456; Spiess Georg. Automatic sheet-feeding device. Issued 5-23-39. (28)
- 2,159,462; Vincenzoni Alvaro. Transmission gear having an automatically variable transmission ratio. Issued 5-23-39. (38)
- 2,159,545; All. Carobronze Rohrenwerk GmbH. Bearing. Issued 5-23-39. (6)
- 2,159,574; Tschortner Carl August. Small film cinecamera. Issued 5-23-39. (28)
- 2,159,588; All. Bekk & Kaulen Chemische Fabrik. Process for the photomechanical manufacture of printing forms for intaglio printing. Issued 5-23-39. (28)
- 2,159,604; All. I G Farbenindustrie A G. Metallic article. Issued 5-23-39. (28)
- 2,159,677; All. Schmidt Maria Geb Salm. Chord-engaging device for musical instruments. Issued 5-23-39. (28)
- 2,159,694; Gorham William R. Driving gear. Issued 5-23-39. (39)
- 2,159,695; Gorham William R. Induction motor rotor. Issued 5-23-39. (39)
- 2,159,706; All. Maschinenfabrik Moenus A G. Lasting machine. Issued 5-23-39. (28)
- 2,159,712; All. Fernseh A G. Electron ray tube. Issued 5-23-39. (28)
- 2,159,947; Gansel Imre. Fixer for permanent catheters. Issued 5-23-39. (34)
- 2,159,964; All. Von Giesches Georg Erben. Magnesium alloy. Issued 5-30-39. (28)
- 2,159,969; All. Schlafhorst W and Co. Appliance for testing the tension of textile threads or yarn. Issued 5-30-39. (28)
- 2,160,026; Martin Josef. Ash removing device. Issued 5-30-39. (28)
- 2,160,148; Hunyady Istvan. Treatment of aluminum ores. Issued 5-30-39. (34)
- 2,160,170; All. Ruhrchemie A G. Heat treatment of hydrocarbon gases to dehydrogenate the same. Issued 5-30-39. (28)
- 2,160,231; Schaefer Gerhart. Umbrella frame. Issued 5-30-39. (28)
- 2,160,312; All. Continental Gummi Werke A G. Apparatus for vulcanizing rubber articles. Issued 5-30-39. (28)
- 2,160,313; Norres Wilhelm. Wire joint especially for electrical shot firing outfits or similar provision electrical circuits. Issued 5-30-39. (28)
- 2,160,330; All. Pintsch Julius K G. Door mounting and latching means. Issued 5-30-39. (28)
- 2,160,341; All. Deutsche Gold und Silber. Process for the carbonization of organic cellulosic materials of vegetable origin. Issued 5-30-39. (28)
- 2,160,449; All. Kraft and Weichardt. Apparatus for the starting and landing of aircraft. Issued 5-30-39. (28)
- 2,160,462; Schieferstein Georg Heinrich. Ramming machine. Issued 5-30-39. (28)
- 2,160,500; Halberstadt Ludwig. Method of recovering metals and paper. Issued 5-30-39. (28)
- 2,160,545; Honda Kikutaro. Drafting apparatus for slivers for the production of spun yarns. Issued 5-30-39. (39)
- 2,160,565; Savio Michele. Fluid pressure cylinder. Issued 5-30-39. (38)
- 2,160,698; Herbst Hans. Permutation lock. Issued 5-30-39. (28)
- 2,160,738; Horn Ernst. Device for winding up spring-driven clockworks of toy vehicles. Issued 5-30-39. (28)
- 2,160,818; All. Leitz Ernst GmbH. Transmission mechanism for photographic cameras. Issued 6-6-39. (28)
- 2,160,890; All. Leitz Ernst GmbH. Ventilating device for projection apparatus. Issued 6-6-39. (28)
- 2,160,905; All. Faber & Schleicher A G. Sheet feeding mechanism. Issued 6-6-39. (28)
- 2,160,906; All. Faber & Schleicher A G. Sheet feeding and registering device. Issued 6-6-39. (28)
- 2,160,951; Alice Francesco. Process and device for the reproduction of designs on printing plates by means of photoelectrically controlled graters. Issued 6-6-39. (38)
- 2,160,970; All. Siemens Apparate und Maschinen. Inclinator for aircraft. Issued 6-6-39. (28)
- 2,160,979; All. Friedrich Victor. Knife rest for sharpening knives. Issued 6-6-39. (28)
- 2,161,096; Schieferstein Georg Heinrich. Conical type stone crusher. Issued 6-6-39. (28)
- 2,161,180; Marx Peter. Apparatus for melting metals. Issued 6-6-39. (28)
- 2,161,181; Marx Peter. Melting furnace. Issued 6-6-39. (28)
- 2,161,273; All. Lorenz C A G. Electromagnetic recording arrangement. Issued 6-6-39. (28)
- 2,161,289; All. Lorenz C A G. Bridging condenser for high frequency arrangements. Issued 6-6-39. (28)
- 2,161,291; All. Lorenz C A G. Receiver for ultrashort waves. Issued 6-6-39. (28)
- 2,161,292; All. Lorenz C A G. Radiating device. Issued 6-6-39. (28)
- 2,161,301; All. Lorenz C A G. Suspension device. Issued 6-6-39. (28)
- 2,161,305; All. Lorenz C A G. Television arrangement. Issued 6-6-39. (28)
- 2,161,313; Pungs Leo. Method of modulating high frequency transmitters. Issued 6-6-39. (28)
- 2,161,320; All. Lorenz C A G. Modulation system for radio transmitters. Issued 6-6-39. (28)
- 2,161,385; Ringer Ferdinand. Solid fuel for lighters. Issued 6-6-39. (6)
- 2,161,386; Ringer Ferdinand. Cigar lighter. Issued 6-6-39. (6)
- 2,161,439; Thoma Hans. Control mechanism for hydraulic transmissions and pumps. Issued 6-6-39. (28)
- 2,161,495; All. Accumulatoren Fabrik A G. Method of and system for measuring the state or charge or discharge of secondary batteries. Issued 6-6-39. (28)
- 2,161,507; Eggersdorfer Fritz. Fuel feeding device for internal combustion engines. Issued 6-6-39. (28)
- 2,161,533; All. Heine Hugo. Means for protecting wooden propellers. Issued 6-6-39. (28)
- 2,161,541; Tinter Fritz. Transport apparatus for stretchers and the like. Issued 6-6-39. (6)
- 2,161,609; Brinkmann Ewald et al; Arning Paul. Arrangement for working the peripheral surfaces of grinding disks and the like. Issued 6-6-39. (28)
- 2,161,623; Hensoldt Hans. Prism system. Issued 6-6-39. (28)
- 2,161,690; Windberger Othmar. Radiator arrangement for motor vehicles. Issued 6-6-39. (6)
- 2,161,724; Scharfenberg Kar. Automatic car coupler. Issued 6-6-39. (28)
- 2,161,753; All. Edeleanu GmbH. Process for refining hydrocarbon oils by means of halogen compounds. Issued 6-6-39. (28)
- 2,161,760; All. Steyr Daimler Puch A G. Automobile vehicle. Issued 6-6-39. (6)
- 2,161,817; All. Maschinenfabrik A G Augsburg. Gas holder without dead space. Issued 6-13-39. (28)
- 2,161,859; Geffcken Heinrich H et al; Richter Hans R. Photoelectric tube. Issued 6-13-39. (28)
- 2,161,872; All. Reeser Wilhelm Ernst. Electrical pocket writing and reading lamp. Issued 6-13-39. (6)
- 2,161,908; All. Naturin GmbH. Method of and apparatus for making artificial sausage casings. Issued 6-13-39. (28)
- 2,161,971; Muller Heinrich. Toy vehicle. Issued 6-13-39. (28)
- 2,161,972; All. Atlas Ago Chemische Fabrik A G. Material for manufacturing paper collars and the like. Issued 6-13-39. (28)
- 2,162,150; All. Junkers Flugzeug und Motorewerke. Control of aircraft. Issued 6-13-39. (28)
- 2,162,217; Hilbers Johann. Method for the production of yeast. Issued 6-13-39. (28)
- 2,162,256; Herrmann Richard et al. Skutta Theodor. Control arrangement for refrigerator. Issued 6-13-39. (6)
- 2,162,291; All. Auto Union A G. Springing arrangement for vehicles. Issued 6-13-39. (28)
- 2,162,309; Junghans Helmut. Movable dust-proof bush for winding keys. Issued 6-13-39. (28)
- 2,162,311; All. Staedtler J S. Process for producing graph writing and drawing leads. Issued 6-13-39. (28)
- 2,162,320; All. Auto Union A G. Automobile. Issued 6-13-39. (28)
- 2,162,385; Langguth Erich. Process of manufacturing large surface electrodes. Issued 6-13-39. (28)
- 2,162,386; Neuhof Bruno. Process for the manufacture of insulating bodies. Issued 6-13-39. (28)
- 2,162,443; All. Universelle Cigarettenmaschinen. Method regulating the tobacco rod in cigarette-making machines. Issued 6-13-39. (28)
- 2,162,449; Thies Heinrich Paul. Method of fermenting milk. Issued 6-13-39. (28)
- 2,162,456; All. Kalle & Co A G. Photographic printing material. Issued 6-13-39. (28)
- 2,162,603; Bothe Otto. Valve for tires and the like. Issued 6-13-39. (28)
- 2,162,691; All. Mercedes Buromaschinen Werke A G. Computing mechanism. Issued 6-20-39. (28)
- 2,162,826; Ries Adolf. Necktie smoother and stretcher. Issued 6-20-39. (28)
- 2,162,834; All. Still Carl GmbH. Coke oven. Issued 6-20-39. (28)
- 2,162,862; All. Siemens Apparate und Maschinen. Attitude control means for aircraft. Issued 6-20-39. (28)
- 2,162,922; Schmidt Ferdinand. Process for siloing green fodder. Issued 6-20-39. (28)
- 2,162,975; Schmidt Arno. Furniture. Issued 6-20-39. (28)
- 2,163,143; Gallo Giuseppe et al; Calliera Giuseppe Bassi Giovanni Battista Bassi Felice Bassi Luigi. Brake shoe. Issued 6-20-39. (38)
- 2,163,200; Heimann Eberhard. Malt enzyme extraction in beer making. Issued 6-20-39. (28)
- 2,163,205; Leber Alois. Optical light exposure meter. Issued 6-20-39. (6)
- 2,163,209; All. Kohle und Eisenforschung GmbH. Welded structural element. Issued 6-20-39. (28)
- 2,163,213; Springer Berthold. Process and device for the production of electrolytic condensers. Issued 6-20-39. (28)
- 2,163,254; Bindek Richard et al; Klein Hermann. Hydraulic shock absorber with regulating device. Issued 6-20-39. (28)
- 2,163,264; All. Bakelite GmbH. Condensation products from formaldehyde and urea. Issued 6-20-39. (28)
- 2,163,276; All. Siemens and Halske A G. Apparatus for cleaning metallic articles. Issued 6-20-39. (28)

- 2,163,448; All. Steatit Magnesia A G. Variable inductance device. Issued 6-20-39. (28)
- 2,163,480; All. Berghaus Bernhard. Metallization by cathode disintegration. Issued 6-20-39. (28)
- 2,163,494; Kleinschmidt Hans Erich. Machine for marking leather and the like. Issued 6-20-39. (28)
- 2,163,496; All. Siemens Apparate und. Permanent magnet dynamo electric machine. Issued 6-20-39. (28)
- 2,163,498; All. Deutsche Waffen und Munition; Fabriden A G. Detonating compositions. Issued 6-20-39. (28)
- 2,163,515; Fend Kurt. Interchangeable lead pencil. Issued 6-20-39. (28)
- 2,163,517; All. Henschel Flugzeug Werke A G. Press for the flawless deforming of flat blanks. Issued 6-20-39. (28)
- 2,163,522; Wehinger Robert et al; Feldkirch Nofel. Fuel evaporating device for internal combustion engines. Issued 6-20-39. (6)
- 1,163,528; All. Siemens Apparate und Maschinen. Direct current motor. Issued 6-20-39. (28)
- 2,163,530; Thieme Romeo Fritz. Color motion picture system. Issued 6-20-39. (28)
- 2,163,563; All. Deutsche Hydrierwerke A G. Method of reclaiming mineral oils. Issued 6-20-39. (28)
- 2,163,564; All. Edeleanu GmbH. Method of refining mineral oils. Issued 6-20-39. (28)
- 2,163,589; All. Pintsch Julius. Electron tube. Issued 6-27-39. (28)
- 2,163,725; Bergmann Theodor Emil. Metallic cartridge belt. Issued 6-27-39. (28)
- 2,163,730; Goetze Manlio. Integrating calorimeter. Issued 6-27-39. (38)
- 2,163,735; Muller Willy. Electrically driven vehicle jack. Issued 6-27-39. (28)
- 2,163,833; All. Universeile. Apparatus for comminuting and classifying tobacco. Issued 6-27-39. (28)
- 2,163,870; All. Pintsch Julius Kommanditgesellschaft. Endless film band reeling apparatus. Issued 6-27-39. (28)
- 2,163,983; Ona Masahisa. Process of reproducing cells for oxide film arresters. Issued 6-27-39. (39)
- 2,163,984; Petkovic Valentin Anton. Process for the preparation of a rust-preventing coating on metallic objects. Issued 6-27-39. (28)
- 2,163,992; Yoneta Takeo. Safety razor. Issued 6-27-39. (39)
- 2,164,003; Scheelhaase Herman. Method of building subterranean structures. Issued 6-27-39. (28)
- 2,164,028; All. Leitz Ernst GmbH. Photographic objective. Issued 6-27-39. (28)
- 2,164,043; Rossler Theodor. Wire netting machine. Issued 6-27-39. (28)
- 2,164,044; All. Dyckerhoff Dr Ing E H Eduard. Device for mixing fibrous material with binders such as plaster cement magnesite and the like. Issued 6-27-39. (28)
- 2,164,109; Guiducci Igino. Double safety washer for nuts of threaded bolts. Issued 6-27-39. (38)
- 2,164,134; Hahnle Hermann. Method and means for obtaining power outputs. Issued 6-27-39. (28)
- 2,164,153; Friedrich Wilhelm. Apparatus for producing fire extinguishing foam. Issued 6-27-39. (28)
- 2,164,178; All. Heinrich Maltner Kom Ges. Pocket lighter. Issued 6-27-39. (28)
- 2,164,245; Kienzle Otto. Spindle press. Issued 6-27-39. (28)
- 2,164,262; Wagner Johann. Air distributor. Issued 6-27-39. (28)
- 2,164,306; Bohringer Rolf et al; Germar Ruthard. Speed regulating mechanism. Issued 7-4-39. (28)
- 2,164,376; Berndt Karl. Device for simultaneously spinning and twisting artificial silk threads. Issued 7-4-39. (28)
- 2,164,384; Carpentieri Vincenzo. Tomato and fruit peeling machine. Issued 7-4-39. (38)
- 2,164,407; Jarchow Otto. Dust pan and collector. Issued 7-4-39. (28)
- 2,164,412; All. Siemens Apparate Und. Navigating apparatus for instruction purposes. Issued 7-4-39. (28)
- 2,164,430; Schmidt Friedrich Paul. Collapsible tubular container. Issued 7-4-39. (28)
- 2,164,528; Knotz Alois. Money plate. Issued 7-4-39. (6)
- 2,164,679; All. Felten and Guillaume Carlswerk A G. Process of and apparatus for manufacturing helices. Issued 7-4-39. (28)
- 2,164,695; All. Tobis Tonbild Syndikat A G. Adjusting device for photographic and cinematographic objectives. Issued 7-4-39. (28)
- 2,164,744; Huth Fritz. Blade mounting for aircraft. Issued 7-4-39. (28)
- 2,164,755; All. Pertrix Chemische Fabrik A G. Galvanic battery. Issued 7-4-39. (28)
- 2,164,804; Dyckerhoff Hanns. Process for the manufacture of thrombin. Issued 7-4-39. (28)
- 2,164,906; All. Lorenz C A G. Television apparatus. Issued 7-4-39. (28)
- 2,164,910; All. Lorenz C A G. Electronic discharge tube. Issued 7-4-39. (28)
- 2,164,946; All. Lorenz C A G. Picture telegraph device. Issued 7-4-39. (28)
- 2,164,959; Steiner Leo. Sharpening metal strips. Issued 7-4-39. (34)
- 2,165,120; Ammendola Giuseppe. Tube cleaning device. Issued 7-4-39. (38)
- 2,165,152; Blunk Heinrich Pruss Max et al. Separating of heavy materials from a stream of liquid of varying quantity. Issued 7-4-39. (28)
- 2,165,160; Spiess Georg. Automatic feeding device. Issued 7-4-39. (28)
- 2,165,161; Spiess George. Feed table. Issued 7-4-39. (28)
- 2,165,358; All. Teves Alfred Maschinen Und. Vehicle brake. Issued 7-11-39. (28)
- 2,165,465; Ehrhardt Paul G et al; Sprater Adolf. Retractable alighting gear for airplanes. Issued 7-11-39. (28)
- 2,165,554; All. Vereinigte Chemische Fabriken. White opaque vitreous enamel frit. Issued 7-11-39. (28)
- 2,165,711; Kreidler Alfred. Extrusion press. Issued 7-11-39. (28)
- 2,165,719; Munnich Richard et al; Blechschmidt Hermann. Apparatus for reproducing rotary motion. Issued 7-11-39. (28)
- 2,165,728; Rosenfeld Hermann et al; Morhard Josef. Apparatus for creping sheet material. Issued 7-11-39. (28)
- 2,165,729; All. Kali Chemie A G. Manufacture of ignited phosphates. Issued 7-11-39. (28)
- 2,165,731; Schurmann Carl. Elastic coupling. Issued 7-11-39. (28)
- 2,165,736; Twele Otto. Advertising apparatus. Issued 7-11-39. (28)
- 2,165,737; All. Felten und Guillaume Carlwerk A G. Tubular conductor. Issued 7-11-39. (28)
- 2,165,755; Lentz Hugo. Idle running and starting device for poppet valve geared steam locomotives. Issued 7-11-39. (28)
- 2,165,819; All. Steatit Magnesia A G. Electric insulator and method of making same. Issued 7-11-39. (28)
- 2,165,857; All. Snock Gustav. Solidified normally-liquid substances. Issued 7-11-39. (28)
- 2,165,867; Lohrey Friedrich. Device for printing designs on walls surfaces or the like. Issued 7-11-39. (28)
- 2,165,903; All. Ihagee Kamerawerk Steenberg and. Reflex camera. Issued 7-11-39. (28)
- 2,165,967; Haupt Hans. Folding umbrella. Issued 7-11-39. (28)
- 2,165,970; Jaspers Bernhard. Electric heating system operating by heat radiation. Issued 7-11-39. (28)
- 2,166,047; Frey Alfred et al; Gluck Hans; Oehme Hermann. Production of butanol and acetone by the fermentation of whey. Issued 7-11-39. (28)
- 2,166,101; All. Lindner Herbert. Centering means for drilling machine spindles. Issued 7-11-39. (28)
- 2,166,156; All. Maschinenfabrik Augsburg Nuernberg. Dry gas holder. Issued 7-18-39. (28)
- 2,166,289; Finke Max. Impressed picture medium. Issued 7-18-39. (28)
- 2,166,321; Pott Alfred. Method of producing semicoke or coke from carbonizable solid fuel material. Issued 7-18-39. (28)
- 2,166,338; All. Von Giesches Georg Erben. Deep drawing zinc alloy. Issued 7-18-39. (28)
- 2,166,340; All. Von Giesche S Georg Erben. Plastic zinc alloy of constant dimensions. Issued 7-18-39. (28)
- 2,166,341; All. Von Giesche S Georg Erben. Machinable plastic zinc alloy. Issued 7-18-39. (28)
- 2,166,364; All. I G Farbenindustrie A G. Method of stabilizing alkali metal nitrate melts used in the heat treatment of metals. Issued 7-18-39. (28)
- 2,166,383; All. Wanderer Werke Vorm Winkhofer & Typewriter. Issued 7-18-39. (28)
- 2,166,491; Gromus Karl. Light control device. Issued 7-18-39. (6)
- 2,166,511; Witzenmann Emil. Pneumatic tire. Issued 7-18-39. (28)
- 2,166,533; Oetel Erwin. Suspension device. Issued 7-18-39. (28)
- 2,166,606; All. Achslager Syndikat. Axle lubricator. Issued 7-18-39. (28)
- 2,166,634; Lesage Alfred. Process for making engine cylinders with an inner lining. Issued 7-18-39. (28)
- 2,166,638; All. Kjellberg Elektroden & Maschinen. Arc welding apparatus with coated electrodes. Issued 7-18-39. (28)
- 2,166,652; Zinsser Ludwig. Machine for working or disintegrating materials of all kinds especially for husking grains. Issued 7-18-39. (28)
- 2,166,670; All. Eberspacher J. Silencer. Issued 7-18-39. (28)
- 2,166,705; All. Askania Werke A G. Fluid pressure relay. Issued 7-18-39. (28)
- 2,166,731; All. Klingelberg W Ferd Sohne. Method of and apparatus for hardening gears. Issued 7-18-39. (28)
- 2,166,734; Ewald Walter et al; Strube Rudolf. Low frequency induction furnace. Issued 7-18-39. (28)
- 2,166,784; Pommer Erwin. Device for applying and attaching. Issued 7-18-39. (6)
- 2,166,853; All. Schacht & Westerich. Device for receiving written and graphic matter. Issued 7-18-39. (28)
- 2,166,896; Nissen Hans Gregers. Crankshaft arrangement for internal combustion engines. Issued 7-18-39. (28)
- 2,166,997; All. Stickstoffduenger Akg. Process of distilling organic acid anhydride. Issued 7-25-39. (28)
- 2,167,043; Haneschka Hans. Method of recovering fats oils and proteins from animal and vegetable starting materials and more particularly from waste plants. Issued 7-25-39. (6)
- 2,167,053; Riszdorfer Odon. Photographic camera built integral with an electric exposure meter. Issued 7-25-39. (34)
- 2,167,077; All. Siemens Apparate und Maschinen. Control apparatus for airplanes. Issued 7-25-39. (28)
- 2,167,150; Haberfeld Erwin Otto. Keyboard for typewriting machines and other commercial machines. Issued 7-25-39. (28)

<sup>1</sup> So in original document.



- 2,167,181; Michalk Otto. Hammering roller with balls. Issued 7-25-39. (28)
- 2,167,188; All. Vereinigte Deutsche Metallwerke Akg. Sound recording and reproducing element and more particularly a permanent magnet therefor. Issued 7-25-39. (28)
- 2,167,201; All. Pintsch Julius K G. Electron tube. Issued 7-25-39. (28)
- 2,167,250; All. Uhde Friedrich. Process of making a solid bituminous hydrocarbon product. Issued 7-25-39. (28)
- 2,167,265; Geffcken Heinrich; Honnef Hermann et al. Power generator. Issued 7-25-39. (28)
- 2,167,295; Dome Robert et al; Jaross Paul. Driving gear of motor cars. Issued 7-25-39. (34)
- 2,167,299; All. Schmidtsche Heissdampf GmbH. Method and apparatus for preventing excess pressure increase in steam generators with low water content. Issued 7-25-39. (28)
- 2,167,302; Junghans Helmut. Barrel safety means for fuses. Issued 7-25-39. (28)
- 2,167,304; Kloz Gerhard. Supervision of the uniformity of galvanic baths. Issued 7-25-39. (28)
- 2,167,308; All. Guhring Alfred. Machine tool for bar stock. Issued 7-25-39. (28)
- 2,167,319; All. Blank Carl K G. Process for the manufacture of polysulphides of organic bases and of their solutions. Issued 7-25-39. (28)
- 2,167,320; Yabe Shigeru. Air hammer. Issued 7-25-39. (39)
- 2,167,325; All. I G Farbenindustrie Akg. Agents of capillary activity. Issued 7-25-39. (28)
- 2,167,326; All. I G Farbenindustrie Akg. Agents of capillary activity. Issued 7-25-39. (28)
- 2,167,376; All. Auto Union Akg. Vehicle body. Issued 7-25-39. (28)
- 2,167,388; Kremmling Otto. Biscuit molding machine. Issued 7-25-39. (28)
- 2,167,409; Schmidt Walter. Automatic door check with tension contrivance and mechanical brake. Issued 7-25-39. (28)
- 2,167,421; All. Siemens Apparate und. Automatic control device for vehicles. Issued 7-25-39. (28)
- 2,167,422; All. Siemens Apparate und. Apparatus for establishing an artificial horizon. Issued 7-25-39. (28)
- 2,167,477; Glunz Fritz. Printing and duplicating machine. Issued 7-25-39. (28)
- 2,167,495; Wimmersperg Heinrich. Firearm. Issued 7-25-39. (6)
- 2,167,496; All. Lorenz C Akg. Glow discharge oscillator. Issued 7-25-39. (28)
- 2,167,500; Dornfeld Reinhold et al; Haage Konrad. Ditch cutting device. Issued 7-25-39. (28)
- 2,167,506; All. Lorenz C Akg. Piezoelectric apparatus. Issued 7-25-39. (28)
- 2,167,509; All. Lorenz C Akg. Telegraph system. Issued 7-25-39. (28)
- 2,167,511; All. Lorenz C Akg. High frequency transmitter. Issued 7-25-39. (28)
- 2,167,512; All. Lorenz C Akg. Electrical oscillatory circuits. Issued 7-25-39. (28)
- 2,167,515; All. Lorenz C Akg. Electronic discharge tube. Issued 7-25-39. (28)
- 2,167,517; All. Universelle Cigarettenmaschinen. Weight recording and registering apparatus. Issued 7-25-39. (28)
- 2,167,522; All. Lorenz C Akg. Electric separating filter. Issued 7-25-39. (28)
- 2,167,523; Reichenbach Karl. Fountain brush. Issued 7-25-39. (28)
- 2,167,565; All. Elina G Fur Elektrische Industrie. Method of connecting the electrodes in automatic electric arc welding. Issued 7-25-39. (6)
- 2,167,728; Satragno Francescq. Device for the automatic application of antiseptic insulating ribbons to the edges of drinking glasses cups and the like. Issued 8-1-39. (38)
- 2,167,805; Hummel Oscar. Apparatus for mixing different or similar substances. Issued 8-1-39. (28)
- 2,167,808; Litty Paul. Means for producing a testing thread. Issued 8-1-39. (28)
- 2,167,812; All. Firma A G Vorm Seidel and Naumann. Escapement device for type-writing machines. Issued 8-1-39. (28)
- 2,167,815; All. Montblanc Simplo GmbH. Fountain pen. Issued 8-1-39. (28)
- 2,167,820; All. Wever Paul. Belt hook press. Issued 8-1-39. (28)
- 2,167,906; Peil Carl. Process of casting. Issued 8-1-39. (28)
- 2,167,911; Schieferstein Georg Heinrich. Suspension system for vehicles. Issued 8-1-39. (28)
- 2,167,978; Jennerich Balthasar. Insect trap. Issued 8-1-39. (28)
- 2,167,983; All. Mecco Brennkraft Maschinen GmbH. Ramming device on the diesel principle. Issued 8-1-39. (28)
- 2,168,000; All. Bauer and Schaurte Rheinische. Screw or screw bolt. Issued 8-1-39. (28)
- 2,168,110; Woerner Eugen. Chainless cycle with pedal levers. Issued 8-1-39. (28)
- 2,168,122; All. Junkers Flugzeug und Motorenwerke. Piston pump. Issued 8-1-39. (28)
- 2,168,131; All. Junkers Flugzeug und Motorenwerke. Internal combustion engine. Issued 8-1-39. (28)
- 2,168,138; Sakurai Hyosuke. Method of manufacturing chicken feed and the composition of the same. Issued 8-1-39. (39)
- 2,168,168; Matthaer Curt. Closing device for belt fasteners. Issued 8-1-39. (28)
- 2,168,194; Dietrich Herbert. Flat knitting frame. Issued 8-1-39. (28)
- 2,168,205; All. Huttenwerke Siegerland A G. Machine for receiving and conveying into and out of the pickling tanks piles of sheet billets semifinished rolled products sheets and other material to be pickled. Issued 8-1-39. (28)
- 2,168,215; All. Dornier Werke GmbH. Hydraulic transmission system. Issued 8-1-39. (28)
- 2,168,225; Lewin Hans. Photographic image and method of and apparatus for viewing the same. Issued 8-1-39. (28)
- 2,168,247; Stauffert Carl. Spindle and spindle bearing. Issued 8-1-39. (28)
- 2,168,249; Stauffert Carl. Brake for spinning or twisting spindles. Issued 8-1-39. (28)
- 2,168,275; All. Reinecker A G. Slideway for wheel carriages of gear grinding machines. Issued 8-1-39. (28)
- 2,168,287; All. Fidenza Soc A. Glass slab for the construction of walls and illuminated covers. Issued 8-1-39. (38)
- 2,168,385; Baumgarten Imre. Circular loom. Issued 8-8-39. (34)
- 2,168,398; Dietrich Herbert. Method of separately working heel portions onto stockings. Issued 8-8-39. (28)
- 2,168,433; Parvopassu Pietro. Cinematographical projecting apparatus with optical compensation. Issued 8-8-39. (38)
- 2,168,449; All. Gessner Ernst A G. Ring spinning frame. Issued 8-8-39. (28)
- 2,168,464; All. Yamagoshi Choshichi. Roentgenometer. Issued 8-8-39. (39)
- 2,168,467; Blum Carl Robert. Phonorhythm process and apparatus for carrying it out. Issued 8-8-39. (28)
- 2,168,481; All. Quarzklumpen GmbH. Apparatus for making prints. Issued 8-8-39. (28)
- 2,168,482; Junghans Helmut. Mechanical detonator. Issued 8-8-39. (28)
- 2,168,483; Junghans Helmut. Photographic shutter. Issued 8-8-39. (28)
- 2,168,667; All. Maybach Motorenbau GmbH. Control device for change speed gears. Issued 8-8-39. (28)
- 2,168,695; Asari Kumaki. Diving mask. Issued 8-8-39. (39)
- 2,168,717; Ritzerfeld Wilhelm. Stop device for movable parts on rotary reprinting machines. Issued 8-8-39. (28)
- 2,168,792; All. Tefl Apparatebau Dr Daniel K G. Sound recording and reproducing apparatus. Issued 8-8-39. (28)
- 2,168,807; Schlupmann Heinrich. Metal spraying pistol. Issued 8-8-39. (28)
- 2,168,864; All. Telephon Apparat Fabrik E Zwietsch. Telephone pay station. Issued 8-8-39. (28)
- 2,168,979; Erdmann Georg. Handle for hand grenades. Issued 8-8-39. (28)
- 2,169,159; Moller Georg. Means for accurate screw cutting. Issued 8-8-39. (28)
- 2,169,166; All. Universelle Cigarettenmaschinen. Apparatus for forming cigar tips. Issued 8-8-39. (28)
- 2,169,345; All. Jagenberg Werke A G. Method and machine for producing paper containers. Issued 8-15-39. (28)
- 2,169,704; Mazza Adolfo. Sleeper for railways tramways and the like of cement asbestos with metallic reinforcements. Issued 8-15-39. (38)
- 2,169,707; Oberme & T Fritz. Peeling machine for potatoes etc. Issued 8-15-39. (28)
- 2,169,718; All. Sprengund Tauchgesellschaft M B H. Hydraulic earth boring apparatus. Issued 8-15-39. (28)
- 2,169,724; All. Spreng und Tauchgesellschaft M B H. Method of blasting moory soil. Issued 8-15-39. (28)
- 2,169,826; All. Bayerische Stickstoff Werke A G. Process of producing highly concentrated nitric acid. Issued 8-15-39. (28)
- 2,169,839; Hochherr Ferdinand. Cigar mold. Issued 8-15-39. (28)
- 2,169,841; All. Rheinmetall Borsig A G Werk Borsig. Polishing means. Issued 8-15-39. (28)
- 2,169,924; Ohreder Karl. Time switch. Issued 8-15-39. (6)
- 2,169,927; Ritzdorfer Odon. Photographic film camera with electric exposure meter built in. Issued 8-15-39. (34)
- 2,169,937; Wempe Bernhard. Method of producing perforated metal sheets. Issued 8-15-39. (28)
- 2,169,947; All. Freudenberg Carl GmbH. Absorbent wadding particularly for surgical purposes. Issued 8-15-39. (28)
- ; <sup>1</sup> All. I G Farbenindustrie Akg. Sulpho carboxylic esters suitable as assistants for the textile and related industries. (28)
- 2,170,020; All. Junkers Flugzeug und Motorenwerke. Internal combustion engine. Issued 8-22-39. (28)
- 2,170,036; Schumann Robert. Small electric machine tool. Issued 8-22-39. (28)
- ; <sup>1</sup> All. Siemens & Halske Akg. Permanent magnet of copper cobalt nickel alloy. (28)
- 2,170,052; All. Heim Moses Leib. Oxygen generating composition. Issued 8-22-39. (28)
- 2,170,054; Jeschor Paul. Apparatus for boring crankcase bearings. Issued 8-22-39. (28)
- 2,170,079; Junghans Helmut. Alarm clock. Issued 8-22-39. (28)
- 2,170,368; Gentilini Augusto. Illuminated advertising apparatus with a scintillating effect. Issued 8-22-39. (38)
- 2,170,371; All. I G Farbenindustrie Akg. Apparatus for testing magnetizable workpieces. Issued 8-22-39. (28)
- 2,170,373; Kind Oscar. Apparatus for playing a table game. Issued 8-22-39. (28)
- 2,170,376; Mayer Karl. Method of stiffening shoes. Issued 8-22-39. (28)
- 2,170,406; All. Deutsche Telephonwerke und. Calculating machine. Issued 8-22-39. (28)
- 2,170,431; All. Molybdenum Co N V. Alloy. Issued 8-22-39. (6)
- 2,170,458; All. Luftschiffbau Zeppelin GmbH. Light-weight girder especially for aircraft. Issued 8-22-39. (28)
- 2,170,486; Ruppik Herbert. Yieldable core for casting heavy hollow steel blocks. Issued 8-22-39. (28)

<sup>1</sup> So in the original document.

- 2,170,488; Spiess Georg. Method and device of feeding sheets to printing and other sheet working machines. Issued 8-22-39. (28)
- 2,170,489; Spiess Georg. Sheet feeding device. Issued 8-22-39. (28)
- 2,170,513; Asbeck Gustav. Apparatus for reducing tubes. Issued 8-22-39. (28)
- 2,170,582; Wolter Robert. Slide gauge. Issued 8-22-39. (28)
- 2,170,648; All. Lorenz C Akg. Electric discharge tube. Issued 8-22-39. (28)
- 2,170,657; All. Lorenz C Akg. Electron tube. Issued 8-22-39. (28)
- 2,170,659; All. Lorenz C Akg. Direction finding arrangement. Issued 8-22-39. (28)
- 2,170,697; Richter Richard. Warp loom. Issued 8-22-39. (28)
- 2,170,713; Fattinger Hans. Stock food and method of producing the same. Issued 8-22-39. (6)
- 2,170,768; Schieferstein Georg Heinrich. Grinding & the like apparatus. Issued 8-22-39. (28)
- All. Siemens and Halske A G. Telephone system. (28)
- 2,170,931; Schafer Hans. Method for the production of patterned objects from powdered materials and the like. Issued 8-29-39. (28)
- 2,170,979; Straubel Rudolf. Optical system for searchlights. Issued 8-29-39. (28)
- 2,171,009; Rostin Helliodor et al; Schuster Karl. Oil refining process. Issued 8-29-39. (28)
- 2,171,074; Bartscherer Franz. Process for improving the texture of rolled products. Issued 8-29-39. (28)
- 2,171,084; Fasce Angelo. Dining table. Issued 8-29-39. (38)
- 2,171,093; Klima Rudolf et al; Pellischek Paul. Adaptable rail trolley. Issued 8-29-39. (6)
- 2,171,100; Sakurai Hyosuke. Impulse type rotary crusher. Issued 8-29-39. (39)
- 2,171,149; Schroter Kurt et al; Schroter Hans O. Resilient mounting. Issued 8-29-39. (28)
- 2,171,166; Seel Willy. Condensation product from p dichlorbenzol and sulphuric anhydride and its derivatives. Issued 8-29-39. (38)
- 2,171,185; Mater Friedrich Eugen. Longitudinal spring for telescopic tubular guides. Issued 8-29-39. (28)
- 2,171,222; Meyer Georg. Process for the preparation of sales of cellulose ether carboxylic acids. Issued 8-29-39. (28)
- 2,171,246; Schweiger Julius. Advertising and display device. Issued 8-29-39. (34)
- 2,171,366; All. Muller Willy. Telephonograph. Issued 8-29-39. (28)
- 2,171,388; Berger Ludwig. Method and means for binding fibrous building material. Issued 8-29-39. (6)
- 2,171,399; All. Peters Louis. Method and apparatus for homogenizing powdered mixtures. Issued 8-29-39. (28)
- 2,171,406; All. Klingelberg W Ferd Sohne. Spiral rolling generating process for bevel gears and apparatus therefor. Issued 8-29-39. (28)
- 2,171,469; All. Auto Union A G. Automobile. Issued 8-29-39. (28)
- 2,171,491; Endres Rudolf. Brake and pressure fluid. Issued 8-29-39. (28)
- 2,171,492; Errera Attilio. Coin collecting and object distributing machine. Issued 8-29-39. (38)
- 2,171,493; Hochheimer Ernst. Mirror device for looms for ascertaining from the position of the weaver breaking of warp threads or the like in the loom. Issued 8-29-39. (28)
- 2,171,552; All. Semperit Oesterreichisch. Process for making rubber articles. Issued 9-5-39. (6)
- 2,171,640; All. Leitz Ernst GmbH. Photographic objective. Issued 9-5-39. (28)
- 2,171,641; All. Leitz Ernst GmbH. Photographic objective. Issued 9-5-39. (28)
- 2,171,660; All. Leitz Ernst GmbH. Shutter mechanism for roll film cameras. Issued 9-5-39. (28)
- 2,171,808; All. Junkers Flugzeug Und Motorenwerke. Vibration generator for test purposes. Issued 9-5-39. (28)
- 2,171,810; Steinlein Gystav et al; Bruckmoser Ludwig. Motor-driven freewheel brake hub for bicycles. Issued 9-5-39. (28)
- 2,171,811; Steinlein Gystav et al; Bruckmoser Ludwig. Freewheel brake hub driven by a motor mounted in the driving wheel. Issued 9-5-39. (28)
- 2,171,817; All. Junkers Flugzeug Und Motorenwerke A. Radiator for aviation engines. Issued 9-5-39. (28)
- 2,171,818; All. Junkers Flugzeug Und Motorenwerke. Wall structure for aircraft compartments. Issued 9-5-39. (28)
- 2,171,831; Hiromi Tetsutaro. Manufacturing method of the piston ring operative on every part of the cylinder with balanced compression. Issued 9-5-39. (39)
- 2,171,912; All. Auto Union A G. Internal combustion engine. Issued 9-5-39. (28)
- 2,171,923; All. Vereinigte Spielwarenfabriken. Wheel for toy electric trains. Issued 9-5-39. (28)
- 2,171,965; All. Deutsche Celluloid Fabrik. Oily to resinous condensation products and a process of preparing them. Issued 9-5-39. (28)
- 2,171,968; All. Kupfer Asbest Co. Gustav Bach. Packing. Issued 9-5-39. (28)
- 2,171,977; Friz Adolf. Heating plate. Issued 9-5-39. (28)
- 2,171,981; Heimberger Walter. Cleaning of metallic surfaces. Issued 9-5-39. (28)
- 2,172,034; All. Elektrische Gluhlampenfabriken Joh. Device for measuring and testing electric resistances. Issued 9-5-39. (6)
- 2,172,036; Schmeisser Hugo. Air rifle. Issued 9-5-39. (28)
- 2,172,042; Wieland Georg. Process and device for producing expansion joints in concrete. Issued 9-5-39. (28)
- 2,172,054; Di Brazza Savorgnan Ascanio. Projectile having its center of gravity in front of the center of resistance. Issued 9-5-39. (38)
- 2,172,058; Busching Willi. Process for the concentration of corrosive substances. Issued 9-5-39. (28)
- 2,172,063; Hara Nobushiro. Chair for use in medical treatment. Issued 9-5-39. (39)
- 2,172,076; All. I G Farbenindustrie A G. Production of porous building materials. Issued 9-5-39. (28)
- 2,172,103; Kotaki Teizo. Pump. Issued 9-5-39. (39)
- 2,172,128; Mitschele Carl. Warning and stopping device for knitting machines. Issued 9-5-39. (28)
- ; All. Zeiss Ikon A G. Photoelectric cathode. (28)
- 2,172,350; Heyner Willi et al; Henkel Hermann. Screw connection. Issued 9-12-39. (28)
- 2,172,441; Goethal Herbert et al; Tramm Heinrich. Method of producing lubricating oils. Issued 9-12-39. (28)
- 2,172,455; Samuel Max. Bandage package. Issued 9-12-39. (28)
- 2,172,473; Ail. Fichtel & Sachs A G. Bicycle drive. Issued 9-12-39. (28)
- 2,172,531; Ekhard Willy. Fermentation process for improving vegetable and animal oils and fats as well as other glycerides of the fatty acids. Issued 9-12-39. (28)
- 2,172,548; Schwarzkopf Paul. Shaped bodies for electric purposes particularly leading in wires and bars for electric current. Issued 9-12-39. (6)
- 2,172,562; Lentz Hugo Johannes. Valve gear for reversible reciprocating fluid pressure engines especially for locomotives. Issued 9-12-39. (6)
- 2,172,697; Cicin Paul. Movable siphon weir. Issued 9-12-39. (6)
- 2,172,699; Cohn Martin. Process of treating seeds for the production of food. Issued 9-12-39. (28)
- 2,172,704; Gentilli Paolo. Mechanical mixer. Issued 9-12-39. (38)
- 2,172,714; Pohl Eduard Dec.; Schack Alfred et al. Filling block and honeycomb work for regenerators. Issued 9-12-39. (28)
- 2,172,717; All. Chemische Fabrik Johann A Wulffing. Heavy metal compounds of sulphuryl deratonic acid and process for preparing the same. Issued 9-12-39. (28)
- 2,172,751; All. Rheinmetall Borsig AKG. Compressor. Issued 9-12-39. (28)
- 2,172,779; All. Pintsch Julius. Film apparatus. Issued 9-12-39. (28)
- 2,172,809; All. Maschinenfabrik Augsburg. Method of controlling the supercharging pressure in internal combustion engines. Issued 9-12-39. (28)
- 2,172,854; Schneider Julius. Casting mold for type casting machines. Issued 9-12-39. (28)
- 2,172,869; All. Pannonia Baranybornemesito. Machine for ironing furs. Issued 9-12-39. (34)
- 2,172,979; Rouette Eduard; Standop Wilhelm; Kohler Fritz et al. Soldering agent. Issued 9-12-39. (28)
- 2,172,988; All. Universelle Cigarettenmaschinen. Production of cardboard box cuttings. Issued 9-12-39. (28)
- 2,173,087; All. Universelle. Tobacco sorting and separating machine. Issued 9-19-39. (28)
- 2,173,088; All. Universelle. Separating device. Issued 9-19-39. (28)
- 2,173,194; Abendroth Wilhelm. Sliding door. Issued 9-19-39. (28)
- 2,173,196; Bornemann Otto. Wind screen attachment. Issued 9-19-39. (28)
- 2,173,205; All. Rochling Sche Eisen und Stahlwerke. Process for the deoxidation of steel baths. Issued 9-19-39. (28)
- 2,173,217; Thomsen Hans. Support for plants. Issued 9-19-39. (28)
- 2,173,240; All. Siemens & Halske A G. Method for manufacturing magnetic material of high permeability in sheet form. Issued 9-19-39. (28)
- 2,173,263; Nier Richard. Heating device for windshields of motor vehicles. Issued 9-19-39. (28)
- 2,173,279; Kraemer Lodovico. Propelling pencil. Issued 9-19-39. (38)
- 2,173,305; All. I G Farbenindustrie A G. Resins soluble in alcohol umbrella. Issued 9-5-39. (28)
- 2,173,312; All. Heraeus Vacuum Schmelze A G. Silicon iron alloy. Issued 9-19-39. (28)
- 2,173,332; Hoffmann Max. Card index system. Issued 9-19-39. (28)
- 2,173,541; Rieger Willy et al; Hartmann Otto H. Compound engine. Issued 9-19-39. (28)
- 2,173,555; All. Forg Franz. Grinding disk. Issued 9-19-39. (28)
- 2,173,574; Binder Eichard et al; Klein Hermann. Slide controlled hydraulic shock absorber. Issued 9-19-39. (28)
- 2,173,578; Egersdorfer Fritz et al; Wucherer Franz. Apparatus for feeding fuel to internal combustion engines. Issued 9-19-39. (28)
- 2,173,595; All. Maschinenfabrik Augsburg Nurnberg. Turbine driven blower. Issued 9-19-39. (28)
- 2,173,625; Takenouchi Toshitaro; Fujitaka Shuhei et al. Lightning arrester. Issued 9-19-39. (39)
- 2,173,630; Mori Kanjiro. Rice cleaning machine. Issued 9-19-39. (39)

<sup>1</sup> So in the original document.



- 2,173,635; All. Mercedes Buromaschinen Werke A G. Calculating machine. Issued 9-19-39. (28)
- 2,173,636; All. Mercedes Buromaschinen Werke A. G. Value transferring mechanism. Issued 9-19-39. (28)
- 2,173,678; Brendlin Adolf. High pressure bellows structure. Issued 9-19-39. (28)
- 2,173,685; Grassmann Erich. Lifting jack. Issued 9-19-39. (28)
- 2,173,756; Kronenberg Paul. Process of producing fog or mist by partial and flameless combustion. Issued 9-19-39. (28)
- 2,173,787; Luckel Willi. Cap for tubes containers or the like. Issued 9-19-39. (28)
- 2,173,794; All. Oesterr Saurer Werke A G. Convertible vehicle of the caterpillar type with retractable road wheels. Issued 9-19-39. (28)
- 2,173,851; August Bernhard. Method and apparatus for increasing the sharpness of tuning. Issued 9-26-39. (28)
- 2,173,902; All. Lorenz C A G. Common wave transmitter system. Issued 9-26-39. (28)
- 2,173,906; All. Lorenz C A G. Discharge tube. Issued 9-26-39. (28)
- 2,173,991; All. Leitz Ernst GmbH. Shutter release mechanism. Issued 9-26-39. (28)
- 2,174,013; Schrey Adolf. Device for and method of treating fabrics and yarns. Issued 9-26-39. (28)
- 2,174,048; Trujen Willy. Machine for sharpening knives for plush and velvet cutting. Issued 9-26-39. (28)
- 2,174,064; All. Wanderer Werke Vorm Winkelhofer and line spacing mechanism. Issued 9-26-39. (28)
- 2,174,113; Thienel Max. Washing implement. Issued 9-26-39. (28)
- 2,174,128; Jyrch Herbert. Loudspeaker. Issued 9-26-39. (28)
- 2,174,129; Van Kempen Peter Anton. Apparatus for measuring and marking web materials. Issued 9-26-39. (28)
- 2,174,132; All. Frenkel Hermann. Producing resistant varnish coatings on wood. Issued 9-26-39. (28)
- 2,174,133; Mayer Karl. Apparatus for making boots and shoes. Issued 9-26-39. (28)
- 2,174,205; All. Mauser Werke AG. Method of and apparatus for performing looping on a multineedle seam covering sewing machine. Issued 9-26-39. (28)
- 2,174,209; All. Genest. Vibration damper. Issued 9-26-39. (28)
- 2,174,219; Balma Aldo. Stapling pliers. Issued 9-26-39. (38)
- 2,174,229; Rosselli Alfredo. Device for connecting the shoe of a rail to a carrier of concrete or the like. Issued 9-26-39. (38)
- 2,174,264; Halbach Karl. Road covering. Issued 9-26-39. (28)
- 2,174,350; Montu Ernesto. Three dimension radio bearing indicator. Issued 9-26-39. (38)
- 2,174,459; All. Soc an Rolla Traverso and Storace. Multiple clamp. Issued 9-26-39. (38)
- 2,174,475; All. Henning Dr Georg Chem Pharm. Enzymatic manufacture of nucleotides. Issued 9-26-39. (28)
- 2,174,571; Eller Fritz. Cash register. Issued 10-3-39. (28)
- 2,174,614; Bornemann Ferdinand et al; Huber Hans. Method of producing polyphosphates and polyphosphate mixtures. Issued 10-3-39. (28)
- 2,174,628; Gerull Hans. Method of welding and soldering. Issued 10-3-39. (6)
- 2,174,647; Wiessner Kurt. Shoe sole. Issued 10-3-39. (6)
- 2,174,672; All. Zahnradfabrik Friedrichshafen A G. Planet gear. Issued 10-3-39. (28)
- 2,174,722; Herrmann Ferdinand Artur. Process of electrolytic cleansing. Issued 10-3-39. (28)
- 2,174,881; All. Miller Ella. Brassiere. Issued 10-3-39. (28)
- 2,175,000; Schlesinger Sigmund. Apparatus for the picking up of loops or meshes dropped in hosiery and knitted goods. Issued 10-3-39. (34)
- 2,175,114; Friedmann Ernst et al; Reiffenstein Bruno. Arrangement for taking parallax Panorama stereograms. Issued 10-3-39. (6)
- 2,175,334; Wollheim Ernst. Process for obtaining a substance lowering the blood pressure. Issued 10-10-39. (28)
- 2,175,354; Lewin Egon. Electrostatic relay. Issued 10-10-39. (28)
- 2,175,505; Furstenthal Hermann. Illuminated advertising apparatus. Issued 10-10-39. (28)
- 2,175,568; Haustein Karl Ewald. Manufacture of artificial building bodies. Issued 10-10-39. (28)
- 2,175,627; All. Siemens Apparate und Maschinen. Disengaging means for automatic control systems for aircraft. Issued 10-10-39. (28)
- 2,175,631; All. Siemens Apparate und Maschinen. Gyroscopic apparatus for determining the inclination of an airplane. Issued 10-10-39. (28)
- 2,175,712; All. Eberspacher J Firm. Pipe joint. Issued 10-10-39. (28)
- 2,175,961; Kampfer Adolf. Apparatus for the production of foils and plates particularly from highly elastic polymerization products. Issued 10-10-39. (28)
- 2,175,990; Hirsch Nicholas. Process and arrangement for increasing the maximum output of electron tubes. Issued 10-10-39. (34)
- 2,176,123; Denzer Ludwig. Type lever pad attachment for typewriting machines. Issued 10-17-39. (28)
- 2,176,124; All. Waldmann Adolf. Selective magazine pencil. Issued 10-17-39. (28)
- 2,176,142; Merges Herbert Alfred et al; Behnssen Karl. Cooling means for grinding mill disks. Issued 10-17-39. (28)
- 2,176,181; Hunsdiecker Heinz et al; Hunsdiecker Clare; Vogt Egon. Method of manufacturing organic chlorine and bromine derivatives. Issued 10-17-39. (28)
- 2,176,193; All. Deckel Friedrich. Engraving and copying machine. Issued 10-17-39. (28)
- 2,176,388; All. Barmer Maschinenfabrik A G. Gear pump. Issued 10-17-39. (28)
- 2,176,547; All. Wurker. Frame embroidery machine. Issued 10-17-39. (28)
- 2,176,781; Ascari Luta Nelusco. Accumulator. Issued 10-17-39. (38)
- 2,176,787; Burghauser Franz. Pump or motor. Issued 10-17-39. (28)
- 2,176,801; Pinazza Glouse. Percussion implement. Issued 10-17-39. (38)
- 2,176,815; Hirohashi Tannen. Cutting and folding machine. Issued 10-17-39. (39)
- 2,176,816; Huhn Gustav. Process of assembling packings linings and the like. Issued 10-17-39. (28)
- 2,176,916; All. Maybach Motorenbau GmbH. Control device for gear changing mechanism in motor vehicles. Issued 10-24-39. (28)
- 2,176,977; Nicolay Karl. Hand guided mechanically driven intermittently operated sewing device. Issued 10-24-39. (28)
- 2,177,040; Huhn Gustav. Hollow cylinder or ring for packings bearings linings and the like. Issued 10-24-39. (28)
- 2,177,042; Michael Paul. Tire tread and pressure regulating device. Issued 10-24-39. (28)
- 2,177,081; All. Klangfilm GmbH. Recording and reproduction of sound. Issued 10-24-39. (28)
- 2,177,227; All. Mauser Werke A G. Firearm. Issued 10-24-39. (28)
- 2,177,228; All. Hungaria Kunstdunger Schwefelsaure method of preparing ore briquettes. Issued 10-24-39. (34)
- 2,177,244; Clamberlini Ugo. Anemometer with altitude correction. Issued 10-24-39. (38)
- 2,177,315; De Caria Ugo. Air propeller with automatically variable pitch. Issued 10-24-39. (38)
- 2,177,435; All. Kammerer Fr A G. Method of making round compound metallic articles. Issued 10-24-39. (28)
- 2,177,441; All. Achslager Syndikat. Oil and dust packing for rotating axles or shafts. Issued 10-24-39. (28)
- 2,177,494; All. Stickstoffdunger A G. Process of preparing aliphatic acid anhydrides. Issued 10-24-39. (28)
- 2,177,572; Kogel Gustav. Cinematograph or like projection surface and method of making same. Issued 10-24-39. (28)
- 2,177,584; Salansky Franz. Method of making bushings. Issued 10-24-39. (6)
- 2,177,608; Hebel Martin. Telephone installation. Issued 10-24-39. (28)
- 2,177,613; Molly Hans; Thoma Hans et al. Hydraulic device. Issued 10-24-39. (28)
- 2,177,771; Grauert Heinz. Luminous sign. Issued 10-31-39. (28)
- 2,177,808; Pohl Ernst. Tilttable couch for X-ray diagnosing purposes. Issued 10-31-39. (28)
- 2,177,862; Buttner Hugo. Apparatus for making spring assemblies or spring fillings. Issued 10-31-39. (28)
- 2,177,904; All. Maybach Motorenbau GmbH. Fluid control mechanism for a change speed gear transmission operated by fluid pressure. Issued 10-31-39. (28)
- 2,178,025; Richter Eduard. Composite shoe. Issued 10-31-39. (28)
- 2,178,122; All. Deckel Friedrich. Power equalizing device. Issued 10-31-39. (28)
- 2,178,131; All. Deckel Friedrich. Copying and engraving machine. Issued 10-31-39. (28)
- 2,178,306; All. Siemens Apparate und Maschinen G. Course device for vehicles. Issued 10-31-39. (28)
- 2,178,344; All. Leitz Ernst GmbH. Photographic camera. Issued 10-31-39. (28)
- 2,178,346; All. Leitz Ernst GmbH. Film reel attachment. Issued 10-31-39. (28)
- 2,178,348; Ruthardt Gustav. Sparking plug. Issued 10-31-39. (28)
- 2,178,352; Unglaube Emil et al; Kiehlmann Georg. Projection apparatus for a small planetarium. Issued 10-31-39. (28)
- 2,178,361; All. Leitz Ernst GmbH. Combined camera and exposure meter. Issued 10-31-39. (28)
- 2,178,458; All. Fernseh A G. Braun tube. Issued 10-31-39. (28)
- 2,178,482; List Heinrich. Instrument for stroboscopic observations. Issued 10-31-39. (28)
- 2,178,486; Menozzi Giuseppe. Device for signaling the presence of illuminating gas in inhabited premises. Issued 10-31-39. (38)
- 2,178,487; Menozzi Giuseppe. Device for signaling the presence of illuminating gas in inhabited premises. Issued 10-31-39. (38)
- 2,178,506; All. Edeleanu GmbH. Method of recovering pyridine in the solvent refining of oils. Issued 10-31-39. (28)
- 2,178,641; Neumann Georg. Magnetic coupling. Issued 11-7-39. (28)
- 2,178,955; Draemann Max. Production of rubber filaments. Issued 11-7-39. (28)
- 2,178,978; Uemura Taiju. Automatically and continuously working phonograph. Issued 11-7-39. (39)
- 2,179,037; Goldschmidt Martha. Sealing and handle attaching device for packages. Issued 11-7-39. (28)
- 2,179,179; All. Siemens Apparate und Maschinen GmbH. Servomotor for the remote control of aircraft. Issued 11-7-39. (28)
- 2,179,361; Weber Walter; Von Braunmuhl Hans Jochim et al. Condenser microphone. Issued 11-7-39. (28)
- 2,179,405; De Falco Mario. Power transmission mechanism. Issued 11-7-39. (38)

- 2,179,411; Junghans Helmut. Pendulum clockwork. Issued 11-7-39. (28)
- 2,179,442; All. Westfalia Dinnendahl Groppe A G. Sifter or conveyor device. Issued 11-7-39. (28)
- 2,179,478; Bruckmoser Ludwig. Motor bicycle. Issued 11-4-39. (28)
- 2,179,744; Junghans Helmut. Clutch releasing mechanism for automatic lathers. Issued 11-14-39. (28)
- 2,179,764; Bruckmoser Ludwig; Steinlein Gustav et al. Air cooled bicycle motor. Issued 11-14-39. (28)
- 2,179,771; Wienand Fritz. Tie holder. Issued 11-14-39. (28)
- 2,179,827; Meller William. Change speed gear. Issued 11-14-39. (34)
- 2,179,899; Rohm Otto. Process for preparing hides. Issued 11-14-39. (28)
- 2,179,908; Uchiyumi Yonal. Abdominal exerciser. Issued 11-14-39. (39)
- 2,179,960; Schwarzkopf Paul. Agglomerated material in particular for electrical purposes and shaped bodies made therefrom. Issued 11-14-39. (6)
- 2,180,046; Gleissner Paul. Calendaring machine. Issued 11-14-39. (28)
- 2,180,064; All. Ihagee Kamerawerk Steenberg. Camera. Issued 11-14-39. (28)
- 2,180,148; Imhoff Karl. Aerating tank. Issued 11-14-39. (28)
- 2,180,165; Nietledt August. Method for pickling meat. Issued 11-14-39. (28)
- 2,180,206; Honner Hermann. Wind operated electrical power station. Issued 11-14-39. (28)
- 2,180,227; Ehresmann Adam et al; Streibel Ludwig. Soling machine. Issued 11-14-39. (28)
- 2,180,234; Haber Christian et al; Haumann Ernst. Production of boots and shoes. Issued 11-14-39. (28)
- 2,180,254; Pfeiffer Paul. Device for governing the fuel pump of a diesel ram. Issued 11-14-39. (28)
- 2,180,262; All. Wulffing Johann A. Process for preparing metal sulphhydryl compounds from keratin degradation products. Issued 11-14-39. (28)
- 2,180,273; Bayer Ludwig. Machine for splitting fibers. Issued 11-14-39. (28)
- 2,180,303; Baader Rudolf. Fish treating machine and method. Issued 11-14-39. (28)
- 2,180,325; Toennlessen Ernst. Drawing frame for textile fibers. Issued 11-14-39. (28)
- 2,180,405; Einfalt Georg. Toy railway. Issued 11-21-39. (28)
- 2,180,473; Lange Karl. Moving coil induction meter. Issued 11-21-39. (28)
- 2,180,490; Vogel Max. Card index device. Issued 11-21-39. (28)
- 2,180,613; Schmidt Fritz. Elastic mounting device. Issued 11-21-39. (28)
- 2,180,673; Galetti Mario. Articulator. Issued 11-21-39. (38)
- 2,180,704; All. Siemens Apparate und Maschinen. Interference preventing arrangement for internal combustion engines. Issued 11-21-39. (28)
- 2,180,713; Lorant Hermann. Case for the reception of elongated articles. Issued 11-21-39. (6)
- 2,180,715; Messer Adolf. Liquefaction and separation of gases. Issued 11-21-39. (28)
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- 2,180,770; Pferdmeiges Heinrich. Plural-ply woven fabrics. Issued 11-21-39. (28)
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- 2,181,130; Horlebeck Albert et al; Wiesmann Clemens. Steam oven for baking. Issued 11-28-39. (28)
- 2,181,232; Haag Johannes. Device for filed chimneys & the like. Issued 11-28-39. (28)
- 2,181,241; All. Brehmer Gebruder Maschinenfabrik. Paper sheet feeding mechanism. Issued 11-28-39. (28)
- 2,181,252; Vogel Max. Safety envelope. Issued 11-28-39. (28)
- 2,181,347; Shimada Manjiro. Multicolor pencil. Issued 11-28-39. (39)
- 2,181,383; Schleussner Carl Adolf. Process for the preparation of light sensitive emulsions. Issued 11-28-39. (28)
- 2,181,460; All. Maybach Motorenbau GmbH. Change speed gear. Issued 11-28-39. (28)
- 2,181,465; Schneider Berthold. Chair for doctors dentists hairdressers and the like. Issued 11-28-39. (28)
- 2,181,549; Grethe Theodor. Process for the improvement of tea free from or poor in caffeine and improved decaffeinated tea. Issued 11-28-39. (28)
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- 2,182,193; Blaschke Emil. Process and device for cutting fibers in rope form especially synthetic fibers. Issued 12-5-39. (28)
- 2,182,285; De Garia Ugo. Adjusting mechanism for propeller blades and the like. Issued 12-5-39. (38)
- 2,182,289; Eisenlohr Hans. Hydraulically operated hacksaw. Issued 12-5-39. (28)
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- 2,183,130; Binder Richard. Disk coupling provided with vibration absorbers. Issued 12-12-39. (28)
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- 2,183,284; Wiebicke Paul. Fuel injection plug nozzle for Diesel motors. Issued 12-12-39. (28)
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- 2,184,030; All. Deutsche Waffen und. Machine for rolling the bases of cartridge cases. Issued 12-19-39. (28)
- 2,184,089; All. Schuler L A G. Means for receiving bodies of tins and feeding them to soldering or folding mandrels. Issued 12-19-39. (28)
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- 2,185,655; Vits Emil. Furnace for the continuous annealing of bands sheets and wires. Issued 1-2-40. (28)
- 2,185,708; Meyerricks George H. Translucent internally illuminated container. Issued 1-2-40. (28)
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- 2,185,922; Meitner Bela. Sharpening device for razor blades. Issued 1-2-40. (34)
- 2,185,934; Tonnies Hans Ferdinand. Photoelectric exposure determining apparatus. Issued 1-2-40. (28)
- 2,185,936; Yamada Kiiti. Safety automatic stopping device for automobiles and the like vehicles. Issued 1-2-40. (39)
- 2,186,075; Kroner Waldemar et al; Kothe Heinz. Process of manufacturing dextrose containing sugar products from carbohydrates by acid hydrolysis. Issued 1-9-40. (28)
- 2,186,167; All. Universelle Cigarettenmaschinen. Separation apparatus. Issued 1-9-40. (28)
- 2,186,169; Hadamovsky Paul. Low temperature carbonizing retort. Issued 1-9-40. (28)
- 2,186,181; Steinlein Gustav. Bowden device bundle. Issued 1-9-40. (28)
- 2,186,187; All. Wolf Georg GmbH. Instrument for electrosurgical treatment in body cavities. Issued 1-9-40. (28)
- 2,186,293; All. I G Farbenindustrie A G. Decomposition of nickel copper matte. Issued 1-9-40. (28)
- 2,186,296; Hunnebeck Emil Moritz. Space closing supporting structure. Issued 1-9-40. (28)
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- 2,186,393; Ring Friedrich et al; Weiss Georg C. Fluorescent screen. Issued 1-9-40. (28)
- 2,186,433; All. Rutgerswerke A G. Process for the recovery of aluminum and fluorine compounds from the worn out linings of the electric furnaces employed for the production of aluminum. Issued 1-9-40. (28)
- 2,186,457; Juffa Wilhelm. Perforated joint valve for glass instruments. Issued 1-9-40. (28)
- 2,186,483; All. Continentale di Sellerie Ciclistiche. Saddle connection for bicycles motorcycles and the like. Issued 1-9-40. (38)
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- 2,186,497; Rieger Wilhelm. Valve control. Issued 1-9-40. (28)
- 2,186,536; All. Zahnradfabrik Friedrichshafen A G. Shift mechanism for motor vehicle transmissions. Issued 1-9-40. (28)
- 2,186,582; All. Danuvia Ipari es Kereskedelmi R T. Gas operated firearm. Issued 1-9-40. (34)
- 2,186,590; All. Ruchrchemie A G. Process of heat treating cases. Issued 1-9-40. (28)
- 2,186,602; Keller Emil C; Bosbach Peter et al. Process for the production of rolled and stamped table and kitchen articles. Issued 1-9-40. (28)
- 2,186,642; All. Mercedes Buromaschinen Werke A G. Typewriting calculating machine or the like with total taking mechanism. Issued 1-9-40. (28)
- 2,186,645; All. Huttenwerke Siegerland A G. Process for reducing material containing zinc in shaft furnaces. Issued 1-9-40. (28)
- 2,186,662; Berger Martin. Continuously variable friction wheel change speed gear. Issued 1-9-40. (28)
- 2,186,673; Hashimoto Susumu. Suction device for gasoline engines. Issued 1-9-40. (39)
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- 2,186,706; Martinka Michael. Combustion engine and a method for the operation thereof. Issued 1-9-40. (28)
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- 2,186,757; All. I G Farbenindustrie A G. Photographic detection of slowly moving neutrons. Issued 1-9-40. (28)
- 2,186,812; All. Bussing Nag Vereinigte. Internal combustion engine. Issued 1-9-40. (28)
- 2,186,918; Wolf Franz. Overcoat. Issued 1-9-40. (28)
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- 2,187,100; Ruhl Karl. Automatic control for switching cars on and off mine cages. Issued 1-16-40. (28)
- 2,187,129; Kramer Wilhelm. Apparatus for making welded wire netting. Issued 1-16-40. (28)
- 2,187,236; Hausdorf Erich. Electrodynamical apparatus. Issued 1-16-40. (28)
- 2,187,299; Burkhardt Otto Wilhelm. Dressing of individual blocks of stone. Issued 1-16-40. (28)
- 2,187,356; All. Fumig Elektrizitats und. Moving picture camera. Issued 1-16-40. (6)
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- 2,187,508; All. Siemens & Halske A G. Telephone system. Issued 1-16-40. (28)
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- 2,190,156; Junghans Helmut. Pallet lever for clockwork mechanisms. Issued 2-13-40. (28)
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- 2,191,588; All. Stotz Kontakt GmbH. Thermostatically actuated automatic switch. Issued 2-27-40. (28)
- 2,191,596; Spiess Georg. Sheet feeding device. Issued 2-27-40. (28)
- 2,191,597; Spiess Georg. Sheet feeding device. Issued 2-27-40. (28)
- 2,191,838; Von Horst Louis Anton Freiherr. Preparation of hop extract. Issued 2-27-40. (28)
- 2,191,841; Zwerina Rudolf. Rocket. Issued 2-27-40. (6)
- 2,192,079; Tiefenthal Carl; Hinselmann Wilhelm et al. Pit prop. Issued 2-27-40. (23)
- 2,192,108; All. Rekuuperator GmbH. Steel smelting furnace. Issued 2-27-40. (28)
- 2,192,194; All. Showa Sangyo Kabushiki Kaisha. Process for manufacturing artificial fiber from protein contained in soya bean. Issued 3-5-40. (39)
- 2,192,287; Goebels Paul. Apparatus for feeding finely divided material. Issued 3-5-40. (28)
- 2,192,295; All. Ernst Leitz GmbH. Optical polarizing system. Issued 3-5-40. (28)
- 2,192,462; All. Muller und Wagner Modell U. Method of and machine for preparing molding and packing sand and like material. Issued 3-5-40. (28)
- 2,192,464; Miyazaki Tatsuo; Yasuda Toshio et al. Acoustic device. Issued 3-5-40. (39)
- 2,192,465; All. Minerva S A. Manufacture of thread bands from artificial silk. Issued 3-5-40. (38)
- 2,192,500; All. Ernst Leitz GmbH. Shutter mechanism. Issued 3-5-40. (28)
- 2,192,518; All. Universelle. Device to straighten out raw tobacco leaves. Issued 3-5-40. (28)
- 2,192,528; All. Werner Roterberg. Depth stop for a countersinking or boring tool. Issued 3-5-40. (28)
- 2,192,540; Creti Marcello. Telephone system. Issued 3-5-40. (38)
- 2,192,542; De Benedetti Giacomo. Electric detonator. Issued 3-5-40. (38)
- 2,192,556; Nebel Max. Flat knitting frame. Issued 3-5-40. (28)
- 2,192,589; Schmitz Carl. Discharge of the centrifugal substance from a centrifugal drum. Issued 3-5-40. (28)
- 2,192,832; Masuda Takeshi; Ito Hidejiro et al. Method of manufacturing covered wire. Issued 3-5-40. (39)
- 2,192,890; Boda Joseph. Electric curling iron. Issued 3-12-40. (34)
- 2,192,988; All. Klangfilm GmbH. Production of push-pull sound records. Issued 3-12-40. (28)
- 2,193,034; Mars Georg. Apparatus for treating materials under reduced pressure. Issued 3-12-40. (34)
- 2,193,042; Roterberg Werner. Tool center. Issued 3-12-40. (28)
- 2,193,050; All. Schuler L A G. Means for flanging the edge of a round opening. Issued 3-12-40. (28)
- 2,193,068; All. Schuler L A G. Friction clutch and brake. Issued 3-12-40. (28)
- 2,193,072; Neumann Friedrich. Eel basket. Issued 3-12-40. (28)
- 2,193,118; Thoma Hans. Hydraulic device. Issued 3-12-40. (28)
- 2,193,294; All. Kerb Konus GmbH. Electrical contact. Issued 3-12-40. (28)
- 2,193,300; Spiess Georg. Printing machine. Issued 3-12-40. (28)
- 2,193,303; Stringher Diego. Stabilizing device for vehicles. Issued 3-12-40. (38)
- 2,193,316; Feikes Josef. Spinning apparatus for cellulose solutions. Issued 3-12-40. (28)
- 2,193,325; Riszdorfer Odon. Apparatus for light control. Issued 3-12-40. (34)
- 2,193,330; Grossmann Gustav. Scattered ray diaphragm. Issued 3-12-40. (28)
- 2,193,430; All. Fahlberg List A G Chemische. Phenyl mercury oxyphenol and a process of making it. Issued 3-12-40. (28)
- 2,193,456; Hellmann Otto. Coke oven. Issued 3-12-40. (28)
- 2,193,464; Natta Giulio. Catalyst for chemical reactions in which participate carbon oxides. Issued 3-12-40. (38)
- 2,193,511; All. Wanderer Werke Vorm Winkhofer. Typewriter. Issued 3-12-40. (28)
- 2,193,520; Priess Erich. Shoe pasting press. Issued 3-12-40. (28)
- 2,193,547; All. Siemens apparate und maschinen. Gun mount for vehicles or aircraft. Issued 3-12-40. (28)
- 2,193,709; All. Miag Muhlenbau und industrie A G. Weighing and sack filling machine. Issued 3-12-40. (28)
- 2,193,733; All. Zahnradfabrik Friedrichshafen A G. Control device for change speed gears of power driven vehicles. Issued 3-12-40. (28)
- 2,193,764; Joos Karl Wilhelm. Device for producing grooves in the walls of bores. Issued 3-12-40. (28)
- 2,193,766; Maczkowiak Ellise. Hair curling device. Issued 3-12-40. (28)
- 2,193,768; All. Kinzoku Zairyo Kenkyusho. Magnetic alloys. Issued 3-12-40. (39)
- 2,193,795; Bretschneider Walter. Steam generator. Issued 3-19-40. (28)
- 2,193,818; All. Showa Sangyo Kabushiki Kaisha. Process for producing proteic coating or film upon fiber textile or the like. Issued 3-19-40. (39)
- 2,194,024; Kuhn Hans. Bottle carrier. Issued 3-19-40. (28)
- 2,194,031; Riszdorfer Odon. Apparatus for light control. Issued 3-19-40. (34)
- 2,194,142; Foss Wilhelm. Air pistol. Issued 3-19-40. (28)
- 2,194,151; Hartmann Otto H; Rieger Wilhelm et al. Apparatus for separating water and salt from steam. Issued 3-19-40. (28)
- 2,194,152; Riszdorfer Odon. Photographic camera fitted with an electric exposure meter. Issued 3-19-40. (34)
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- 2,194,389; Haupt Hans. Folding umbrella. Issued 3-19-40. (28)

<sup>1</sup> So in original document.



- 2,194,589; Kunz Alfonz. Extrusion mold. Issued 3-26-40. (34)
- 2,194,625; Vermohlen Martin. Liquid level gauge. Issued 3-26-40. (28)
- 2,194,654; Hadamovsky Paul. Apparatus for liquefying gases. Issued 3-26-40. (28)
- 2,194,657; Hirsch Peter. Hydraulic brake mechanism. Issued 3-26-40. (28)
- 2,194,666; Meissner Josef et al. Nitration of aromatic hydrocarbons. Issued 3-26-40. (28)
- 2,194,685; Benigni Attilio. Lock for bags. Issued 3-26-40. (38)
- 2,194,726; Thomas Gustav. Compressor particularly for refrigerators. Issued 3-26-40. (28)
- 2,194,790; Gluck Jenö. Artificial tooth and crown of tooth. Issued 3-26-40. (34)
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- 2,194,865; Mizugoshi Hikoichiro. Method of producing a net of square meshes. Issued 3-26-40. (39)
- 2,194,879; All. Pintsch Julius K G. Film apparatus. Issued 3-26-40. (28)
- 2,194,886; All. Pintsch Julius K G. Fused joint. Issued 3-26-40. (28)
- 2,195,041; All. Junkers Flugzeug und Motoren. Means for damping oscillations. Issued 3-26-40. (28)
- 2,195,044; All. Bussing Nag Vereinigte. Two stroke internal combustion engine and method for operating the same. Issued 3-26-40. (38)
- 2,195,083; Elnfalt George. Toy dancing figure. Issued 3-26-40. (28)
- 2,195,574; Lechner Katharina. Combination lock. Issued 4-2-40. (28)
- 2,195,743; Siemens John Willy. Apparatus for the production of spring clips. Issued 4-2-40. (28)
- 2,195,780; Muller Carl Wilhelm. Tobacco spreading means for cigarette forming machines. Issued 4-2-40. (28)
- 2,195,818; All. Siemens Schuckert Werkea. Apparatus for converting currents. Issued 4-2-40. (28)
- 2,195,888; All. Lorenz C A. Heterodyne receiver. Issued 4-2-40. (28)
- 2,195,914; All. Lorenz C A G. Cathode ray tube. Issued 4-2-40. (28)
- 2,195,945; Szasz Alexander. Apparatus for effecting the rinsing of the vagina. Issued 4-2-40. (34)
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- 2,196,236; All. Vereinigte Deutsche Metallwerke A G. Aluminum alloy as bearing metal. Issued 4-9-40. (28)
- 2,196,275; All. General Aniline & Film Corp. Color photography. Issued 4-9-40. (28)
- 2,196,348; Von Mihaly Denes. Endless sound film apparatus. Issued 4-9-40. (28)
- 2,196,361; Wertheim Hugo; Liebesny Paul et al. Method of promoting the propagation and activity of microorganisms. Issued 4-9-40. (6)
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- 2,196,674; All. Lorenz C A G. Method for landing airplanes. Issued 4-9-40. (28)
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- 2,196,800; Krautberger Albert. Spraying device. Issued 4-9-40. (28)
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- 2,197,485; All. Lorenz C A G. Common wave transmitting system. Issued 4-16-40. (28)
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- 2,197,620; Petkovic Valentin Anton. Box shaped steel sleeper. Issued 4-16-40. (28)
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- 2,197,705; All. Friedmann Alex. Oil distributing and apportioning device. Issued 4-16-40. (6)
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- 2,197,898; All. Siemens Apparate und. Automatic gyroscopic control apparatus for vehicles. Issued 4-23-40. (28)
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- 2,197,939; All. Leitz Ernst GmbH. Photoelectric exposure meter for cameras. Issued 4-23-40. (28)
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- 2,198,357; All. Richter Gedeon. Bismuth ethyl N caproate and a process of making it. Issued 4-23-40. (34)
- 2,198,384; Purgstall Arthur Hammer. Propelling pencil with lead sharpening means. Issued 4-23-40. (28)
- 2,198,388; Landau Max. Process for producing oils free of asphalt. Issued 4-23-40. (28)
- 2,198,405; Cords Otto. Electric cable. Issued 4-23-40. (28)
- 2,198,475; Dornier Hermann I A. Collapsible propeller for airplanes. Issued 4-23-40. (28)
- 2,198,508; Thomas Gustav. Refrigerator. Issued 4-23-40. (28)
- 2,198,516; All. Maschinenfabrik Augsburg Nurnberg A G. Combustion engine. Issued 4-23-40. (28)
- 2,198,538; All. Showa Sangyo Kabushiki Kaisha. Process for manufacturing artificial fiber from protein contained in soybean. Issued 4-23-40. (39)
- 2,198,540; All. Deutsche Rohrenwerke A G. Production of metal tubes in inclined rolling mills. Issued 4-23-40. (28)
- 2,198,542; All. Chemische Fabrik Budenheim A G. Softening water. Issued 4-23-40. (28)
- 2,198,728; Horii Shinjiro. Rotary duplicator. Issued 4-30-40. (39)
- 2,198,729; Junghans Helmut. Shutter for photographic apparatus. Issued 4-30-40. (28)
- 2,198,738; Pintos Richard. Trousers. Issued 4-30-40. (28)
- 2,198,756; Bodo Gabor Karoly. Fountain pen holder. Issued 4-30-40. (34)
- 2,198,757; Bohrn Hugo et al; Alvanzini Leander. Means for determining coordinates. Issued 4-30-40. (6)
- 2,198,817; Heins Paul. Rotary piston machine. Issued 4-30-40. (28)
- 2,198,891; Thoma Hans. Power transmission. Issued 4-30-40. (28)
- 2,198,976; All. Universelle Cigarettenmaschinen Fabrik. Apparatus for conveying cigars and fillers. Issued 4-30-40. (28)
- 2,198,994; Franz Ehrhart. Temporarily marking textile fiber. Issued 4-30-40. (28)
- 2,199,045; All. Pintsch Julius K G. Electromagnetic resonator. Issued 4-30-40. (28)
- 2,199,084; Schieferstein Georg Heinrich. Antivibration suspension for vehicles. Issued 4-30-40. (28)
- 2,199,200; Goethel Herbert et al; Schaller Paul; Tramm Heinrich. Manufacture of lubricating oils. Issued 4-30-40. (28)
- 2,199,216; Conti Piero Ginori. Vaporizer. Issued 4-30-40. (38)
- 2,199,320; Von Le Juge Sergius. Evaporator for production of high grade distillate. Issued 4-30-40. (28)
- 2,199,321; Ostendorf Peter. Production of plated sheets etc. Issued 4-30-40. (28)
- 2,199,329; All. Vereinigte Spielwarenfabriken. Vehicle for electric toy railways. Issued 4-30-40. (28)
- 2,199,449; Schonfeld Paul. Production of warp knitted fabrics. Issued 5-7-40. (28)
- 2,199,477; Besag Ernst. Releasing device for electric switches. Issued 5-7-40. (28)
- 2,199,500; Leval Julius. Chain link bar. Issued 5-7-40. (34)
- 2,199,521; Doderer Wilhelm. Contrivance for treating materials within a gas atmosphere of increases pressure. Issued 5-7-40. (28)
- 2,199,531; All. Pintsch Julius Kommanditgesellschaft. Automatic regulating device for air heating plants in railway vehicles. Issued 5-7-40. (28)
- 2,199,625; Fernbrugg Benno Fiala. Double piston internal combustion engine. Issued 5-7-40. (28)
- 2,199,795; Hofmann Carl Fritz. Fixing means for traveler rings of ring spinning and ring twisting machines. Issued 5-7-40. (28)
- 2,199,801; Kattwinkel Hans. Multiple disk friction device. Issued 5-7-40. (28)
- 2,199,802; All. Leitz Ernst GmbH. Adjusting device for adjacent parts of machinery. Issued 5-7-40. (28)
- 2,199,882; All. Toyo Gomu Kagakukogyo Kabushiki. Process and apparatus for spinning rubber thread from rubber latex. Issued 5-7-40. (39)
- 2,199,883; Ishiwata Zenzo. Apparatus for preventing raising of dust and splashing of mud by automobiles. Issued 5-7-40. (39)
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- 2,200,014; Wolf Gottfried. Ventilator hood. Issued 5-7-40. (28)
- 2,200,023; All. Pintsch Julius Kommandit Ges. Ultra high frequency oscillation apparatus. 5-7-40. (28)
- 2,200,028; All. Kobe Seikoshō Co Ltd. Impact testing machine. 5-7-40. (39)
- 2,200,131; L Orange Prosper Dec. Continuously variable change speed gear. Issued 5-7-40. (28)
- 2,200,137; All. Dyckerhoff Eduard. Machine for cutting lifting and conveying peat sods. 5-7-40. (28)

- 2,200,138; Van Sauer Walter. Electrically operated vacuum refrigerating plant. Issued 5-7-40. (28)
- 2,200,157; Christlein Willy. Hydraulic transmission gear. Issued 5-7-40. (28)
- 2,200,220; All. I G Farbenindustrie A G. N substituted aspartic acids and their functional derivatives and process of producing them. Issued 5-7-40. (28)
- 2,200,249; All. Lorenz C A G. System for landing airplanes. Issued 5-14-40. (28)
- 2,200,263; De Kramolin Leon Ladislaus. Variable reactor. Issued 5-14-40. (28)
- 2,200,279; Kaufmann Hans. Process for making fatty acids. Issued 5-14-40. (28)
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- 2,200,451; Kunstadter Wilhelm. Developing device for light sensitive paper. Issued 5-14-40. (34)
- 2,200,492; Crosti Pietro. Feed water heater for boilers particularly adapted for locomotives. Issued 5-14-40. (38)
- 2,200,554; Kampfner Adolf. Method of removing the solvents from solutions of resilient substances. Issued 5-14-40. (28)
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- 2,200,909; All. Berghaus Bernhard. Metallization of metal articles by Cathode disintegration. Issued 5-14-40. (28)
- 2,201,015; Schlick Hullmut. Yarn brake. Issued 5-14-40. (28)
- 2,201,117; All. Ruf Carl Emil. Pencil. Issued 5-14-40. (28)
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- 2,201,192; All. Maybach Motorenbau GmbH. Control for automatic gearshift mechanism. Issued 5-21-40. (28)
- 2,201,216; All. Lorenz C A G. Electron tube. Issued 5-21-40. (28)
- 2,201,254; All. Lorenz C A G. Electric separating filter. Issued 5-21-40. (28)
- 2,201,305; Springer Wilhelm. Fishing line reel. Issued 5-21-40. (28)
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- 2,202,055; Juffa Wilhelm. Reducing piece for glass instruments for laboratory technics. Issued 5-28-40. (28)
- 2,202,094; Daum August. Fastener for joining belts and conveyer bands. Issued 5-28-40. (28)
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- 2,202,144; Dietrich Herbert. Production of stockings. Issued 5-28-40. (28)
- 2,202,196; Ducatl Marcello Cavalieri. Furniture. Issued 5-28-40. (38)
- 2,202,201; All. Rheinmetall Borsig A G. Automatic gun. Issued 5-28-40. (28)
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- 2,202,453; Juhasz Istvan. Means for determining the shooting element of moving targets. Issued 5-28-40. (34)
- 2,202,454; Kaufmann Egon. Brake mechanism. Issued 5-28-40. (28)
- 2,202,487; All. Lorenz C A G. High frequency system. Issued 5-28-40. (28)
- 2,202,515; All. Anker Werke A G. Needle vibration controlling means for zigzag stitch sewing machines. Issued 5-28-40. (28)
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- 2,202,925; Schoch Giovanni Giannino. Controlling and illustrating band for phonographic disks. Issued 6-4-40. (38)
- 2,202,955; All. Siemens Apparate Und Maschinen. Gyroscope. Issued 6-4-40. (28)
- 2,203,022; All. Lanz Heinrich A G. Operating position adjustment for harvesting machines. Issued 6-4-40. (28)
- 2,203,056; Kolbe Joachim. Suspension of vehicles. Issued 6-4-40. (28)
- 2,203,061; All. Siemens apparate Und Maschinen. Apparatus responsive to accelerations. Issued 6-4-40. (28)
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- 2,203,095; Kreissig Ernst et al; Tonne Franz. Spring system. Issued 6-4-40. (28)
- 2,203,099; Osenberg Werner. Art of bonding metal to insulation. Issued 6-4-40. (28)
- 2,203,100; Osenberg Werner. Art of bonding metal to insulation. Issued 6-4-40. (28)
- 2,203,147; All. Drager Otto Heinrich. Measuring and testing instrument for oxygen breathing apparatus. Issued 6-4-40. (28)
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- 2,203,230; Nitsche Paul. Process for the manufacture of conserving ice. Issued 6-4-40. (28)
- 2,203,285; Petsch Hermann. Regenerative coke oven. Issued 6-4-40. (28)
- 2,203,303; All. Leitz Ernst GmbH. Screw adjusting mechanism. Issued 6-4-40. (28)
- 2,203,329; All. Lorenz C A G. Tuning arrangement for high frequency apparatus. Issued 6-4-40. (28)
- 2,203,437; Levy Rudolf. Apparatus for projecting cinematographic images carried on disks. Issued 6-4-40. (28)
- 2,203,448; Susskind Albert. Apparatus for attaching s' d; fastener locking members to flexible tapes. Issued 6-4-40. (28)
- 2,203,452; All. Berghaus Bernhard. Electronic discharge tube. Issued 6-4-40. (28)
- 2,203,460; All. Siemens Apparate Und Maschinen. Apparatus for measuring fluid pressure. Issued 6-4-40. (28)
- 2,203,596; All. Koepf Rudolph Co Chemische Fabrik. Process for the manufacture of transparent foils films and threads of cellulose formate. Issued 6-4-40. (28)
- 2,203,619; Schroter Kurt et al; Schroter Hans. Mounting for oscillating members. Issued 6-4-40. (28)
- 2,203,760; All. Pintsch Julius Kommanditgesellschaft. Ultra short wave transmitting and receiving device. Issued 6-4-40. (28)
- 2,203,859; Brendlin Adolf. High pressure membrane. Issued 6-11-40. (28)
- 2,203,909; All. Degenhard Graf Von Wurmbbrand. Emergency stretcher contrivance for use on ski tours. Issued 6-11-40. (28)
- 2,203,963; Lange Kurt. Developing device. Issued 6-11-40. (28)
- 2,204,143; All. Maybach Motorenbau GmbH. Control device for change speed gears. Issued 6-11-40. (28)
- 2,204,174; All. C Lorenz A G. Direction finding system. Issued 6-11-40. (28)
- 2,204,204; All. Lorenz C A G. Electric discharge device. Issued 6-11-40. (28)
- 2,204,292; All. Siemens Apparate Und Maschinen. Direction indicating means. Issued 6-11-40. (28)
- 2,204,365; Klemm Karl. Lifting platform. Issued 6-11-40. (28)
- 2,204,410; Ganzer Hugo. Shoe with a device for preventing and treating flat footedness. Issued 6-11-40. (28)
- 2,204,441; All. B S A Tools Ltd. Thread cutting device for lathes. Issued 6-11-40. (28)
- 2,204,452; Seppelfricke Otto. Stopcock. Issued 6-11-40. (28)
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- 2,204,491; Heetkamp Heinrich. Rolling mill plant for the manufacture of seamless tubes. Issued 6-11-40. (28)
- 2,204,499; Kattwinkel Hans. Clutch device. Issued 6-11-40. (28)
- 2,204,508; Matthies August. Electric lamp stand. Issued 6-11-40. (28)
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- 2,204,568; All. Von Giesches Georg Erben. Magnesium alloy. Issued 6-18-40. (28)
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- 2,204,811; All. Lindner Herbert. Centering means for drilling machine spindles. Issued 6-18-40. (28)
- 2,204,816; Niederreither Hans. Safety structure for high pressure apparatus. Issued 6-18-40. (28)
- 2,204,841; All. Deckel Friedrich. Driving means for engraving and copying machines. Issued 6-18-40. (28)
- 2,204,935; All. Geha A G. Means for fastening matrices in duplicators. Issued 6-18-40. (28)
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- 2,205,022; Tipter Georg. Bore hole direction tester. Issued 6-18-40. (57)



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- 2,206,403; Jaruschka Hans. Wall. Issued 7-2-40. (6)
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- 2,213,756; All. Deckel Friedrich. Grinding machine. Issued 9-3-40. (28)
- 2,213,811; Goll Richard. Refining machine for cocoa containing and like masses. Issued 9-3-40. (28)
- 2,213,815; Jaeger Fritz. Horizontal press. Issued 9-3-40. (28)
- 2,213,818; Krause Friedrich Walter. Wall plug. Issued 9-3-40. (28)
- 2,213,827; Stock Friedrich Johann Jacob. Treatment of photographic films. Issued 9-3-40. (28)
- 2,213,847; Pauling Harry. Apparatus for the concentration of sulphuric acid. Issued 9-3-40. (28)
- 2,213,859; All. Lorenz C A G. Antenna system. Issued 9-3-40. (28)
- 2,213,902; Daniels Theodor. Manufacture of chocolate coated sweetmeats. Issued 9-3-40. (28)
- 2,213,915; Katz Georg. Rubbish receptacle. Issued 9-3-40. (28)
- 2,213,939; Jendrassik George. Apparatus for gas turbines. Issued 9-3-40. (34)
- 2,213,940; Jendrassik George. Rotor for gas turbines and rotary compressors. Issued 9-3-40. (34)
- 2,213,942; Riszdorfer Odon. Light measuring apparatus for photographic cameras. Issued 9-3-40. (34)
- 2,214,081; Kramer Ewald. Electrical connector. Issued 9-10-40. (28)
- 2,214,087; Schlenk Georg. Apparatus for preshrinking textile fabrics. Issued 9-10-40. (28)
- 2,214,096; Weiss Johann. Labeling device. Issued 9-10-40. (28)
- 2,214,106; Mayr Hermann. Motor drive for cycles. Issued 9-10-40. (28)
- 2,214,111; Schmieglitz Willy. Multicolor pencil with exchangeable leads. Issued 9-10-40. (28)
- 2,214,133; Hauck Julius. Apparatus for centrifugal casting of molten metal. Issued 9-10-40. (6)
- 2,214,279; All. Demag A G. Continuously running rolling mill for producing tubes. Issued 9-10-40. (28)
- 2,214,299; Heller Siegfried. Apparatus for investigating heart action. Issued 9-10-40. (28)
- 2,214,325; Gothe Hermann. Shaping of ice cream. Issued 9-10-40. (28)
- 2,214,406; All. Tefi Apparatebau Dr Daniel K G. Method of duplicating endless band sound carriers. Issued 9-10-40. (28)
- 2,214,407; All. Reeser Wilhelm Ernst. Toothbrush with brush head made in three parts. Issued 9-10-40. (6)
- 2,214,500; All. Maschinenfabrik Augsburg Nuremberg. Observation apparatus for printing presses and the like. Issued 9-10-40. (28)
- 2,214,509; All. Telefunken Ges fur Drahtlose. Pick up support. Issued 9-10-40. (28)
- 2,214,541; Siegling Ernst. Belt drive. Issued 9-10-40. (28)
- 2,214,672; All. Lindes Eismaschinen A G Ges. Heat storer. Issued 9-10-40. (28)
- 2,214,688; Wiebicke Paul. Diesel motor. Issued 9-10-40. (28)
- 2,214,782; All. Schulz Fritz A G. Insecticide. Issued 9-17-40. (28)
- 2,214,893; Von Hassel Georg M. Process for the extraction of fibers from fiber containing material. Issued 9-17-40. (28)
- 2,214,895; All. Anker Werke A G. Serial number mechanism. Issued 9-17-40. (28)
- 2,214,902; All. Lorenz C A G. Method of producing cathode materials. Issued 9-17-40. (28)
- 2,214,915; All. Lorenz C A G. High frequency current transformer. Issued 9-17-40. (28)
- 2,214,927; All. Lorenz C A G. Apparatus for determining positions by radio beacons. Issued 9-17-40. (28)
- 2,215,045; All. Kikuchi Hideyuki. Apparatus employing high voltage high frequency impulsive electric current. Issued 9-17-40. (39)
- 2,215,055; Rohm Otto. Method for preparing hides using mold tryptases and a neutral to weakly acid reaction. Issued 9-17-40. (28)
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- 2,215,107; Mulka Friedrich. Screw feed mechanism. Issued 9-17-40. (28)
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- 2,215,266; Garelli Adalberto. Apparatus for compressing and cooling air. Issued 9-17-40. (38)
- 2,215,277; All. Rheinmetall Borsig A G Werk Borsig. Chilling apparatus. Issued 9-17-40. (28)
- 2,215,367; All. I G Farbenindustrie A G. Condensation products of acid amidelike constitution and process of preparing them. Issued 9-17-40. (28)
- 2,215,388; All. Heinkel Ernst. Riveting machine. Issued 9-17-40. (28)
- 2,215,424; Klein Friedrich Wilhelm. Roll. Issued 9-17-40. (28)
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- 2,215,478; All. Porzellanfabrik Kahla. Manufacture of ceramic dielectrics. Issued 9-24-40. (28)
- 2,215,620; Skumburdis Konstantin. Composition of matter for removing poison from tobacco smoke. Issued 9-24-40. (28)
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- 2,215,786; All. Lorenz C A G. System for landing airplanes. Issued 9-24-40. (28)
- 2,215,800; All. Lorenz C A G. Keying arrangement for radio transmitters. Issued 9-24-40. (28)
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- 2,215,987; All. Friedmann Alex. Lubricating pump. Issued 9-24-40. (28)
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- 2,216,081; All. Wanderer Werke A G. Paper feeding arrangement on writing. Issued 9-24-40. (28)
- 2,216,083; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion engine. Issued 9-24-40. (28)
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- 2,216,416; All. Junkers Flugzeug und Motorwerke. Means for braking aircraft. Issued 10-1-40. (28)
- 2,216,419; All. Norddeutsche Kabelwerke A G. Air space insulated electric cable. Issued 10-1-40. (28)
- 2,216,421; All. Vogel & Halke. Weighing machine. Issued 10-1-40. (28)
- 2,216,422; Schimanek Emil. Charge former. Issued 10-1-40. (34)
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- 2,216,491; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion engine. Issued 10-1-40. (28)
- 2,216,494; All. Maschinenfabrik Augsburg Nurnberg. Internal combustion engine. Issued 10-1-40. (28)
- 2,216,620; List Heinrich. Electromagnetic device. Issued 10-1-40. (28)
- 2,216,646; Mautz Wolfgang. Liquid filter. Issued 10-1-40. (28)
- 2,216,717; Alessio Emilio. Protecting cap for the valves of pressure gas bottles. Issued 10-8-40. (38)
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- 2,216,844; Kuhl Georg Walter. Process for softening water. Issued 10-8-40. (28)
- 2,217,091; All. Deckel Friedrich. Feeding device for machine tools. Issued 10-8-40. (28)
- 2,217,106; Focke Henrich. Rotor for rotating wing aircraft. Issued 10-8-40. (28)
- 2,217,107; Focke Henrich. Rotor device for rotating wing aircraft. Issued 10-8-40. (28)
- 2,217,108; Focke Henrich. Rotating wing aircraft. Issued 10-8-40. (28)
- 2,217,133; All. Overlack and Co K G. Machine for the multicolor printing of textile fabrics. Issued 10-8-40. (28)
- 2,217,145; Stihl Andreas. Saw sharpening machine. Issued 10-8-40. (28)
- 2,217,240; Stumpf Pleikart. Method and apparatus for making motion pictures. Issued 10-8-40. (28)
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- 2,217,398; All. Lorenz C A G. Electric discharge tube. Issued 10-8-40. (28)
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- 2,217,420; All. Lorenz C A G. High tension electric insulator. Issued 10-8-40. (28)
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- 2,218,297; Randzio Reinhold. Bookkeeping system. Issued 10-15-40. (28)
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- 2,218,455; All. Quehl Carl. Trick article. Issued 10-15-40. (28)
- 2,218,599; Brunner Leopold. Propulsion means especially for aircraft. Issued 10-22-40. (28)
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- 2,218,696; Scheiler Curt. Method of preventing or lessening the formation of longitudinal stripes in looped fabrics and mechanism for carrying out that method. Issued 10-22-40. (28)
- 2,218,755; Kaufmann Hans P. Composition of matter and method of preparation. Issued 10-22-40. (28)
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- 2,218,867; Beldimano Alessandro. Wind power plant. Issued 10-22-40. (38)
- 2,218,876; Elrich Gustav; Elrich Joseph et al. Disk mill. Issued 10-22-40. (28)
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- 2,218,886; Krause Karl. Apparatus for replacing cathodes. Issued 10-22-40. (28)
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- 2,218,897; Skutl Viktor. Method of treating woody material. Issued 10-22-40. (6)
- 2,219,004; Daeves Karl et al; Becker Gottfried, Steinberg Fritz. Formation of chromium containing layers on ferrous surfaces. Issued 10-22-40. (28)
- 2,219,005; Daeves Karl et al; Becker Gottfried, Steinberg Fritz. Formation of chromium containing layers on the surface of ferrous articles. Issued 10-22-40. (28)
- 2,219,020; All. Schlafhorst W and Co. Cop winding machine. Issued 10-22-40. (28)
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- 2,219,095; Schuttler Paul. Method for the production of piston rings especially of light metal pistons for internal combustion engines. Issued 10-22-40. (28)
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- 2,219,527; Mommer Paul et al; Mommer Karl. Device for opening and closing vehicle and like windows. Issued 10-29-40. (28)
- 2,219,531; All. Osterr Knopf und Metallwarenfabrik. Pyrophoric lighter. Issued 10-29-40. (6)
- 2,219,535; Schmidt Carl Wilhelm. Pessary. Issued 10-29-40. (28)
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- 2,219,613; All. Berghaus Bernhard. Cathode disintegration apparatus. Issued 10-29-40. (28)
- 2,219,614; All. Berghaus Bernhard. Electrical discharge apparatus. Issued 10-29-40. (28)
- 2,219,615; All. Berghaus Bernhard. Electrical discharge apparatus. Issued 10-29-40. (28)
- 2,219,636; Schwartz Karl. Automatic actuating mechanism. Issued 10-29-40. (28)
- 2,219,663; Schuster Fritz. Treatment of textile articles. Issued 10-29-40. (28)
- 2,219,838; All. Rheinmetall Borsig A G. Apparatus for maintaining a desired speed relation between two shafts. Issued 10-29-40. (28)
- 2,219,840; Hamel Edmund. Spindle bearing. Issued 10-29-40. (28)
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- 2,219,866; All. Hirschberg Alex. Locking system. Issued 10-29-40. (28)
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- 2,219,995; Heetkamp Heinrich. Push bench. Issued 10-29-40. (28)
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- 2,220,526; Kluitmann Leo. Heliographic printing machine. Issued 11-5-40. (28)
- 2,220,527; Kroner Friedrich. Device for producing pictorial representations. Issued 11-5-40. (28)
- 2,220,547; All. Auto Union A G. Vehicle body. Issued 11-5-40. (28)
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- 2,221,830; Becker Emil. Riveting device. Issued 11-19-40. (28)
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- 2,221,999; All. Schlafhorst W Co. Device for producing cops. Issued 11-19-40. (28)
- 2,222,000; Schmidt Erich Kurt Julius. Process for the preservation of eggs and fresh fruit. Issued 11-19-40. (28)
- 2,222,006; All. Electroacustic GmbH. Electrical compensator. Issued 11-19-40. (28)
- 2,222,197; Engels Bernhard. Braun tube. Issued 11-19-40. (28)
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- 2,222,451; All. Forderung Ges Zerstorungsfreier. Method for compensating the fluctuation in ray doses. Issued 11-19-40. (28)
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- 2,223,066; Lorenz C A G. Direction finding system. Issued 11-26-40. (28)
- 2,223,084; All. Lorenz C A G. High frequency system. Issued 11-26-40. (28)
- 2,223,090; All. Auto Union A G. Internal combustion engine. Issued 11-26-40. (28)
- 2,223,116; All. Felten and Guillaume Carls-werk. Tubular conductor. Issued 11-26-40. (28)
- 2,223,119; Muller Heinrich. Toy automobile. Issued 11-26-40. (28)
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- 2,223,727; Homen Carl. Percussion drill. Issued 12-3-40. (28)
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- 2,223,895; All. S I M B I Soc An. Electric hammer. Issued 12-3-40. (38)
- 2,223,901; Scarpa Giuseppe. Oil circuit breaker. Issued 12-3-40. (38)
- 2,223,903; Kothe Alois; Von Drathen Eduard et al. Method of producing a perborate of light weight in bulk. Issued 12-3-40. (28)
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- 2,223,905; All. Vereinigte Spielwarenfabriken. Toy electric railway. Issued 12-3-40. (28)
- 2,223,921; Rudiger Ernst. Eraser. Issued 12-3-40. (28)
- 2,223,924; All. Riedel E De Haen Akt. Ges J D. Preparation for use in carbon coating television tubes. Issued 12-3-40. (28)
- 2,223,929; Lowenstein Leo. Process for electrolytically producing arsenates. Issued 12-3-40. (28)
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- 2,224,068; All. Quester Wilhelm Koeln Factory of. Articulated driving belt or chain for use with V groove pulleys. Issued 12-3-40. (28)
- 2,224,076; Gatzweiler Josef. Apparatus for the evaporation of liquid dairy products. Issued 12-3-40. (28)
- 2,224,087; Reichert Hans. Foldable stretcher. Issued 12-3-40. (28)
- 2,224,088; Schroder Walter. Glass body. Issued 12-3-40. (28)
- 2,224,257; All. Wanderer Werke Vorm Winkelhofer. Mechanism for eliminating backlash. Issued 12-10-40. (28)
- 2,224,316; Rolfes Bernhard. Kitchen stove. Issued 12-10-40. (28)
- 2,224,464; All. Wolf Georg GmbH. Thoracoscope. Issued 12-10-40. (28)
- 2,224,487; All. Deutsche Rohrenwerke A G. Tube rolling mill. Issued 12-10-40. (28)
- 2,224,524; Schmeisser Hugo. Striker coupling for self loading weapons. Issued 12-10-40. (28)
- 2,224,532; Ziller Hans Joachim. Connecting hook for conveyer bands and the like. Issued 12-10-40. (28)
- 2,224,643; Calini Gino. Expansion valve. Issued 12-10-40. (38)
- 2,224,647; Grocholl Karl. Sand centrifuging cleaning machine. Issued 12-10-40. (28)
- 2,224,658; Steinhage Heinrich. Packing or consolidating of permanent way beds. Issued 12-10-40. (28)
- 2,224,685; All. Rutgerswerke A G. Process for obtaining volatile products from bituminous substances. Issued 12-10-40. (28)
- 2,224,702; All. Telefon Apparat Fabrik E. Pay station telephone. Issued 12-10-40. (28)
- 2,224,802; Spiess Georg. Device for lifting the uppermost sheet from a pile. Issued 12-10-40. (28)
- 2,224,804; All. Henning Georg Chem Pharm. Digitalis glucosides and process for producing the same. Issued 12-10-40. (28)
- 2,224,846; All. Union Ges fur Metallindustrie. Box. Issued 12-17-40. (28)
- 2,224,894; Brendler Karl. Theftproofing device for motor vehicles. Issued 12-17-40. (6)
- 2,224,954; Eisele Albert. Magnet. Issued 12-17-40. (28)
- 2,225,002; Focke Heinrich. Control means for rotating wing aircraft. Issued 12-17-40. (28)
- 2,225,259; All. Pintsch Julius Kommandit Ges. Ultra high frequency generator. Issued 12-17-40. (28)
- 2,225,267; Gottfried Siegfried. Fur or skin & process for its production. Issued 12-17-40. (34)
- 2,225,279; Munz Karl; Rupprecht Friedrich et al. Steering gear. Issued 12-17-40. (28)
- 2,225,386; Hebel Martin. Telephone installation. Issued 12-17-40. (28)
- 2,225,451; All. Hirth Motoren GmbH. Crankshaft. Issued 12-17-40. (28)
- 2,225,480; Kohn Hans. Epicyclic transmission gear. Issued 12-17-40. (28)
- 2,225,489; Tessky Karl. Device for dressing grinding tools. Issued 12-17-40. (28)
- 2,225,509; Schober Helene. Apparatus for use with telephone mouthpieces. Issued 12-17-40. (28)
- 2,225,541; Werner Adolf. Quick opening and closing valve. Issued 12-17-40. (28)
- 2,225,658; Rauchfuss Franz. Kitchen and like utensil. Issued 12-24-40. (28)
- 2,225,715; Schneider Johann. Electric locking device. Issued 12-24-40. (6)
- 2,225,794; Ota Keisaburo. Method of manufacturing curved constructional metal members. Issued 12-24-40. (39)
- 2,225,797; Plauson Hermann. Colloidal mill. Issued 12-24-40. (28)
- 2,225,831; Herz Walter. Fireproofing composition. Issued 12-24-40. (6)
- 2,225,870; Kampfer Adolf. Press for the manufacture of multilayer nonsplintering glass. Issued 12-24-40. (28)
- 2,225,940; Grossmann Gustav. Method of and apparatus for protecting patients from injury by X rays. Issued 12-24-40. (28)
- 2,226,047; Borgward Carl. Rear axle drive and suspension means. Issued 12-24-40. (28)
- 2,226,203; All. Pintsch Julius K G. Spark extinguishing in direct current circuit. Issued 12-24-40. (28)
- 2,226,247; Lesage Alfred. Freewheel locking device more particularly for the hub of bicycles. Issued 12-24-40. (28)
- 2,226,299; All. Steatit Magnesia A G. Molded electric insulating article. Issued 12-24-40. (28)
- 2,226,311; All. Schnelipressenfabrik Koenig Bauer. Device for inking in the copper cylinder in intaglio printing. Issued 12-24-40. (28)
- 2,226,315; Mailander Willy. Rotary sheet metal offset printing press. Issued 12-24-40. (28)
- 2,226,328; Bornemann Theodor; Stahn Albert et al. Electric irradiator. Issued 12-24-40. (28)
- 2,226,348; Rabb Josef. Production of light concrete bodies. Issued 12-24-40. (28)
- 2,226,479; All. Pintsch Julius K G. Apparatus for mechanically and electrically connecting conductors carrying high frequency currents. Issued 12-24-40. (28)
- 2,226,492; Helmig Carl Friedrich. Barrel rolling and tilting apparatus. Issued 12-24-40. (28)
- 2,226,549; All. Von Giesches Georg Erben. Magnesium alloy. Issued 12-31-40. (28)
- 2,226,550; All. Van Giesches Georg. Magnesium alloy. Issued 12-31-40. (28)
- 2,226,616; Kraus Michael. Electric lighting device for the drill head of a dental drill. Issued 12-31-40. (28)
- 2,226,653; All. Pintsch Julius K G. Electromagnetic oscillation apparatus. Issued 12-31-40. (28)
- 2,226,718; All. Lorenz A Z G. Method of landing airplanes. Issued 12-31-40. (28)
- 2,226,725; All. Mix and Genest A G. Manual telephone exchange. Issued 12-31-40. (28)
- 2,226,726; All. Lorenz A Z G. Educational appliance for aircraft navigation. Issued 12-31-40. (28)
- 2,226,746; All. Lorenz C A G. Low frequency amplifier. Issued 12-31-40. (28)
- 2,226,791; Volk Alfred. Separator means for filing systems. Issued 12-31-40. (28)
- 2,226,968; Clerici Carlo. Basin for clarifying and cleansing dirty and drain waters. Issued 12-31-40. (38)
- 2,227,166; Tonnies Hans Ferdinand. Photoelectric exposure meter. Issued 12-31-40. (28)
- 2,227,176; All. Berghaus Bernhard. Method of sintering hard substances in vacuum. Issued 12-31-40. (28)
- 2,227,177; All. Berghaus Bernhard. Method of sintering metal. Issued 12-31-40. (28)
- 2,227,186; Hamel Edmund. Apparatus for producing staple fiber. Issued 12-31-40. (28)
- 2,227,344; Hartmann Willy. Liquid filter. Issued 12-31-40. (28)
- 2,227,369; Schneider Johann Friedrich. Welded rail bond. Issued 12-31-40. (28)
- 2,227,536; D Agostino Francesco. Apparatus for ether anesthesia. Issued 1-7-41. (38)
- 2,227,547; All. Achille Luigi. Process for producing alkali metal sulphides. Issued 1-7-41. (38)
- 2,227,783; All. Norddeutsche Affnarie. Process for dissolving metallic copper and reprecipitating the same from the resulting solution in metallic form. Issued 1-7-41. (28)
- 2,227,867; Steinhaus Lothar. Means for generating rapid mechanical oscillations. Issued 1-7-41. (28)
- 2,227,879; All. Maybach Motorenbau GmbH. Control device for change speed gears. Issued 1-7-41. (28)
- 2,227,885; Hessen Richard. Process for the separation of phenol aldehyde resins. Issued 1-7-41. (28)
- 2,228,013; All. Heinkel Ernst. Light metal alloy parts. Issued 1-7-41. (28)
- 2,228,035; All. Mercedes Buromaschinen Werke A G. Device for the approximation of a value. Issued 1-7-41. (28)
- 2,228,172; Luttichau Georg Graf. Hoeng machine. Issued 1-7-41. (28)

- 2,228,372; Skrebba Ida Geb Stuhlinger. Paper perforator with automatic reinforcing device of the paper at the holes. Issued 1-14-41. (28)
- 2,228,400; Otto Karl. Four links chain mechanism with two armed link motion. Issued 1-14-41. (28)
- 2,228,406; All. Cotonificio S A Valle Di Susa. Bearing for spinning machine rollers. Issued 1-14-41. (38)
- 2,228,424; Tonnie Hans Ferdinand. Electrical measuring instrument. Issued 1-14-41. (28)
- 2,228,462; Kienzle Herbert. Device for registering physical changes in systems. Issued 1-14-41. (28)
- 2,228,741; All. Chemische Fabrik Grunau. Capillary active composition. Issued 1-14-41. (28)
- 2,228,761; Groetschel Erlaf. Loom. Issued 1-14-41. (28)
- 2,228,762; Hafstein Franz et al; Borst Helmut Forstmann Walther. Process for the production of photographs of luminous images and particularly of X-ray cinematographic images and developing solutions therefor. Issued 1-14-41. (28)
- 2,228,830; All. Wanderer Werke A G. Calculating machine. Issued 1-14-41. (28)
- 2,228,931; Rysick Arno. Recording and reproducing machine. Issued 1-14-41. (28)
- 2,228,952; Flugler Paul. Type line trimming machine. Issued 1-14-41. (28)
- 2,229,026; Kirchner Emil. Sash window. Issued 1-21-41. (28)
- 2,229,166; Brandt Richard. Process for removing carbonic oxide from combustible gases. Issued 1-21-41. (28)
- 2,229,214; Lacher Ludwig. Sawing machine. Issued 1-21-41. (28)
- 2,229,247; All. Fabbrica Italiana Magneti Marelli. Control device for hydraulic brakes. Issued 1-21-41. (38)
- 2,229,261; Stiebel Theodor. Electrically heated hot water reservoir. Issued 1-21-41. (28)
- 2,229,302; All. Busch Emil A G. Projecting television image. Issued 1-21-41. (28)
- 2,229,544; Bauer Gustav. Power plant. Issued 1-21-41. (28)
- 2,229,585; All. Kerb Konus GmbH. Electrical contact. Issued 1-21-41. (28)
- 2,229,618; Abeles Paul et al Grimm Albert. Centrifugal casting machine. Issued 1-21-41. (6)
- 2,229,619; Abeles Paul. Concave reinforced concrete beam. Issued 1-21-41. (28)
- 2,229,774; All. C Lorenz A G. Common wave radio transmitter system. Issued 1-28-41. (28)
- 2,229,882; All. I G Farben Industrie A G. Process for the production of coating preparations. Issued 1-28-41. (28)
- 2,230,066; Noja Antonio. Gas lighter. Issued 1-28-41. (38)
- 2,230,078; All. Ural Maschinen Vertriebsgesellschaft. Portable motor. Issued 1-28-41. (28)
- 2,230,130; Bucherer Herbert. Method of obtaining microbial enzymes. Issued 1-28-41. (28)
- 2,230,168; Spieß Georg. Buckling folding machine. Issued 1-28-41. (28)
- 2,230,181; Pfeiffer Paul; Cordes Hugo et al. Starting device. Issued 1-28-41. (28)
- 2,230,277; All. Deutsche Waffen und. Circuit breaker. Issued 2-4-41. (28)
- 2,230,281; Schlichting Karl Friedrich; Baader Rudolf et al. Fish treating machine. Issued 2-4-41. (28)
- 2,230,297; Inoue Hitoshi. System of translating the minute variation of inductance or capacity into the variation of electric current or voltage. Issued 2-4-41. (39)
- 2,230,307; Munch Carl. Method of filtering solutions and apparatus therefor. Issued 2-4-41. (28)
- 2,230,316; All. Westfalia Groppe A G. Sieve and conveyer. Issued 2-4-41. (28)
- 2,230,317; Zettelmeyer Peter. Road roller. Issued 2-4-41. (28)
- 2,230,400; Cadirola Alessandro. Revolving circular sheet cutting device. Issued 2-4-41. (38)
- 2,230,519; Weithaler Anton. Process for the production of cement coatings on walls and the like. Issued 2-4-41. (28)
- 2,230,622; L Orange Rudolf. Fuel pump for internal combustion engines. Issued 2-4-41. (28)
- 2,230,627; All. Michalk Hans Joachim. Change speed gear of the friction type. Issued 2-4-41. (28)
- 2,230,668; Ohrtmann August. Steel tape measure. Issued 2-4-41. (28)
- 2,231,027; Renner Oskar Jr. Method of producing welded joints. Issued 2-11-41. (34)
- 2,231,104; All. Berghaus Bernhard. Electric reaction furnace. Issued 2-11-41. (28)
- 2,231,105; Block Otto et al; Bing Julius. Counting device of axles of rail vehicles. Issued 2-11-41. (28)
- 2,231,109; All. Koreska Wilhelm. Polygraphing machine. Issued 2-11-41. (28)
- 2,231,120; Herrmann Gerth. Process for producing malleable iron castings. Issued 2-11-41. (28)
- 2,231,141; Sakamoto Kyugoro. Traverse motion mechanism of drum winders. Issued 2-11-41. (39)
- 2,231,145; Watanabe Shinnosuke. Speed control device for reeling apparatus. Issued 2-11-41. (39)
- 2,231,296; Sartori Charles. High speed boat. Issued 2-11-41. (28)
- 2,231,306; Wagenbach Anton. Method of and means for bending iron bars. Issued 2-11-41. (28)
- 2,231,338; Kolbe Joachim. Steering gear for curve compensating vehicles. Issued 2-11-41. (28)
- 2,231,343; Mader Otto. Aerodynamic means for braking aircraft. Issued 2-11-41. (28)
- 2,231,580; Jacoby Max. Illuminated advertising device. Issued 2-11-41. (28)
- 2,231,581; Junghans Helmut. Percussion igniting device for clockwork fuses. Issued 2-11-41. (28)
- 2,231,589; Olivetti Camillo. Driving mechanism for milling boring and like machines. Issued 2-11-41. (38)
- 2,231,594; All. Vereinigte Glanzstoff Fabriken A G. Process for producing improving products for pelts furs hairs and textiles of all kinds. Issued 2-11-41. (28)
- 2,231,597; Shibata Saburo. Process of obtaining fuel oil from digested sludge. Issued 2-11-41. (39)
- 2,231,627; Jansen Bernhard. Step switch device for regulating transformers. Issued 2-11-41. (28)
- 2,231,639; Ritzerfeld Wilhelm. Control device for rotary duplicating machines. Issued 2-11-41. (28)
- 2,231,784; All. Zahnradfabrik Friedrichshafen A G. Planetary gear. Issued 2-11-41. (28)
- 2,231,881; All. Von Glesche S Georg Erben. Magnesium alloy. Issued 2-18-41. (28)
- 2,231,956; Schwier Wilhelm. Pit heating furnace. Issued 2-18-41. (28)
- 2,232,153; Vohrer Herbert. Diaphragm for dialysers. Issued 2-18-41. (28)
- 2,232,290; Rozinek Arthur; Szikla Geza et al. Protection of the walls of gasifying apparatus. Issued 2-18-41. (34)
- 2,232,293; All. Vereinigte Deutsche metallwerke A G. Stuffing box packing. Issued 2-18-41. (28)
- 2,232,329; All. Nollische Werke Komm Ges. Lock stitch sewing machine. Issued 2-18-41. (28)
- 2,232,450; All. Berghaus Bernhard. Method and apparatus for resistance welding. Issued 2-18-41. (28)
- 2,232,494; Stieber Wilhelm Gustav Otto. Closure union and adapter. Issued 2-18-41. (28)
- 2,232,644; Kohler Walter. Apparatus for the manufacture of molded articles from solid or semi solid polymerization products. Issued 2-18-41. (28)
- 2,232,673; Pfirmann Theodor Wilhelm. Production of high quality benzine and diesel motor fuels. Issued 2-18-41. (28)
- 2,232,737; Seidel Max. Process for recovering volatile substances from fermentation waste gases. Issued 2-25-41. (28)
- 2,232,969; All. Deckel Friedrich. Camera shutter. Issued 2-25-41. (28)
- 2,233,039; Vianzone Pietro. Electric lighting device for bicycles and similar road vehicles. Issued 2-25-41. (38)
- 2,233,244; Compare Manrico. Sound reproducer. Issued 2-25-41. (38)
- 2,233,354; All. Eckert and Ziegler GmbH. Injection molding machine. Issued 2-25-41. (28)
- 2,233,493; All. Universelle Cigarettenmaschinen. Manufacture of cigars. Issued 3-4-41. (28)
- 2,233,494; All. Universelle Cigarettenmaschinen. Tobacco guide device for cigar making machines. Issued 3-4-41. (28)
- 2,233,526; All. Berghaus Bernhard. Apparatus for double spot or seam welding. Issued 3-4-41. (28)
- 2,233,538; Kunze Armin. Apparatus for wrapping carbon dollies. Issued 3-4-41. (28)
- 2,233,591; Dulovits Jenö. Soft effect screen lens. Issued 3-4-41. (34)
- 2,233,614; Krotoschiner Heinz. Casing for photographic appliances. Issued 3-4-41. (28)
- 2,233,675; All. Silesia Verein Chemischer Fabriken. Device for heating liquids. Issued 3-4-41. (28)
- 2,233,722; Weigle Bruno. Apparatus for the production of dentures and method of making such apparatus. Issued 3-4-41. (28)
- 2,233,822; All. Auebach and Scheibe. Drilling machine. Issued 3-4-41. (28)
- 2,233,834; Michalk Otto; Colditz Heinrich Max et al. Welt retainer. Issued 3-4-41. (28)
- 2,233,855; All. Maschinen und Metallwaren. Separating device. Issued 3-4-41. (28)
- 2,233,921; Junghans Helmut. Anchor escapement for clocks and the like. Issued 3-4-41. (28)
- 2,233,966; Tominaga Masaichi. Sound arrester at the opening of sound arresting room. Issued 3-4-41. (39)
- 2,234,113; Frische Kurt. Device for obtaining spinnable fibers from fiber containing strips of bark. Issued 3-4-41. (28)
- 2,234,117; All. Vertriebsgesellschaft Des Leipziger. Welding control system. Issued 3-4-41. (28)
- 2,234,182; Lauer Ambrosius. Slant rolling. Issued 3-11-41. (28)
- 2,234,225; Becker Emil. Apparatus for stretching operations. Issued 3-11-41. (28)
- 2,234,244; All. Lorenz C A G. Radio communication system. Issued 3-11-41. (28)
- 2,234,271; All. Elite Deamant Werke A G. Knitting machine with electrically controlled parts. Issued 3-11-41. (28)
- 2,234,292; All. C Lorenz A G. Braun tube. Issued 3-11-41. (28)
- 2,234,306; Jurasek Othmar. Refrigerator. Issued 3-11-41. (28)
- 2,234,310; All. Maybach Motorenbau GmbH. Braking device for motor vehicle transmissions. Issued 3-11-41. (28)
- 2,234,354; All. Schlafhorst W Co. Cop winding frame. Issued 3-11-41. (28)
- 2,234,355; All. Schlafhorst W Co. Cop winding mechanism. Issued 3-11-41. (28)
- 2,234,356; All. Schlafhorst W Co. Cop winding machine. Issued 3-11-41. (28)
- 2,234,362; All. Carl Hofbauer. Cigarette case having an extractible petrol lighter. Issued 3-11-41. (28)



- 2,234,456; All. Bauer & Schaurte. Apparatus for testing goods. Issued 3-11-41. (28)
- 2,234,521; Dietzel Adolf. Method and apparatus for producing glass filaments. Issued 3-11-41. (28)
- 2,234,523; Fischer Walter et al; Otto Kurt. Insulated electrical conductor and method for its production. Issued 3-11-41. (28)
- 2,234,573; Neumann Georg. Sound intensity recorder. Issued 3-11-41. (28)
- 2,234,653; Rothfeld Erich. Speed change gears. Issued 3-11-41 (28)
- 2,234,661; All. Ruhrchemie A G. Method of producing lubricating oils. Issued 3-11-41. (28)
- 2,234,733; Jendrassik George. Compressor or pump of the rotary blades type. Issued 3-11-41. (34)
- 2,234,768; Maltner Hermann. Friction wheel lighter. Issued 3-11-41. (28)
- 2,234,863; Heetkamp Heinrich. Process and apparatus for expanding tube. Issued 3-11-41. (28)
- 2,234,866; Kaufmann Hans P. Pyrazolone sulphonic acids and process of making the same. Issued 3-11-41. (28)
- 2,235,006; Barth Heinrich. Teleprinting system. Issued 3-18-41. (28)
- 2,235,019; All. Lorenz C A G. Temperature compensating device. Issued 3-18-41. (28)
- 2,235,073; Leistner Erich. Automatic turret lathe. Issued 3-18-41. (28)
- 2,235,164; Pfeiffer Paul. Ski fastening device. Issued 3-18-41. (28)
- 2,235,176; All. Quade Fritz. Process for preparing porous plates from cement and fibrous material on board making machines. Issued 3-18-41. (28)
- 2,235,213; Hirsche Willy. Compression refrigerating machine. Issued 3-18-41. (28)
- 2,235,223; Lentz Hugo. Valve distribution for piston steam engines especially locomotive steam engines and the like with revolving reversing shafts. Issued 3-18-41. (28)
- 2,235,228; Lutz Hans. Motor tractor with gas producer mounted thereon. Issued 3-18-41. (28)
- 2,235,336; Schuster Fritz. Apparatus for maintaining a liquid in uniform condition. Issued 3-18-41. (28)
- 2,235,364; Gramatzki Hugh John. A focal camera lens attachment. Issued 3-18-41. (28)
- 2,235,365; All. Henschel and Sohn GmbH. Fuel injection valve for internal combustion engines. Issued 3-18-41. (28)
- 2,235,376; Krell Joseph. Addressing printing plate with exchangeable riders. Issued 3-18-41. (28)
- 2,235,444; All. Seidel and Naumann. Milling machine. Issued 3-18-41. (28)
- 2,235,481; All. Siemens and Halske A G. Speed governor. Issued 3-18-41. (28)
- 2,235,489; Rath Werner. Ceramic electric insulating body. Issued 3-18-41. (28)
- 2,235,580; Junghans Helmut. Alarm clock. Issued 3-18-41. (28)
- 2,235,595; Stein Alfred. Device for moving a vehicle at an angle to the direction in which it runs normally. Issued 3-18-41. (28)
- 2,235,646; Schaffer Max Dimant. Masonry. Issued 3-18-41. (28)
- 2,235,843; Muller Richard. Process for destroying bacteria. Issued 3-25-41. (28)
- 2,235,943; Mylius Otto. Change gearing. Issued 3-25-41. (28)
- 2,236,143; Kellermann Willy. Toy vehicle. Issued 3-25-41. (28)
- 2,236,201; Rupp Albert. Screw propeller. Issued 3-25-41. (28)
- 2,236,209; Daeves Karl et al; Becker Gottfried. Process for the manufacture of articles which are made of iron or steel and are threaded or possess surfaces which make tight joints. Issued 3-25-41. (28)
- 2,236,300; All. Schlafhorst W Co. Cop winding machine with independent winding points. Issued 3-25-41. (28)
- 2,236,312; All. Junkers flugzeug und Motorenwerke. Gun mount more especially for use in aircraft. Issued 3-25-41. (28)
- 2,236,508; Lesage Alfred. Spreadable brake body particularly adapted for bicycle hubs. Issued 4-1-41. (28)
- 2,236,642; All. Mercedes Buromaschinen Werke A G. Typewriting calculating machine. Issued 4-1-41. (28)
- 2,236,646; All. Maybach Motorenbau GmbH. Control mechanism for power operated gear shifting apparatus. Issued 4-1-41. (28)
- 2,236,829; Musil Josef et al; Ast Heinrich. Machining of nonprismatic workpieces. Issued 4-1-41. (6)
- 2,236,939; Etzkorn Rudolf. Rotary cutter. Issued 4-1-41. (28)
- 2,236,949; Moiola Giovanni. Tachymetric compass. Issued 4-1-41. (38)
- 2,236,972; Kasemann Erwin. Polarizing body. Issued 4-1-41. (28)
- 2,237,073; Hebel Martin. Telephone installation. Issued 4-1-41. (28)
- 2,237,077; All. Siemens Apparate und Maschinen. Repeating device. Issued 4-1-41. (28)
- 2,237,288; Bode Hans. Spatting and spraying process. Issued 4-8-41. (28)
- 2,237,343; Engels Bernhard. Method of tempering glass plates and sheets. Issued 4-8-41. (28)
- 2,237,350; Hollmann Heinrich. Production of artificial teeth. Issued 4-8-41. (28)
- 2,237,363; All. Ritzerfeld Wilhelm. Method of and apparatus for copying printed matter. Issued 4-8-41. (28)
- 2,237,489; Karbe Johannes. Spraying device. Issued 4-8-41. (28)
- 2,237,613; All. Osterr Ung Optische Anstalt C P. Device for the mechanical determination of firing data for firing at moving targets. Issued 4-8-41. (6)
- 2,237,617; Trede Hans. Header connection. Issued 4-8-41. (28)
- 2,237,714; All. Sachsische Textilmaschinenfabrik. Combing machine with reciprocating feed grid for wool cotton and the like. Issued 4-8-41. (28)
- 2,237,719; All. Siemens Apparate und Maschinen. Disengaging means for automatic control systems for aircraft. Issued 4-8-41. (28)
- 2,237,723; Zunckel Berthold. Casting vessel. Issued 4-8-41. (28)
- 2,237,740; All. Brehmer Gebruder. Means for feeding folded signatures. Issued 4-8-41. (28)
- 2,237,749; Simon Johann. Crushing device for coal crushing machines. Issued 4-8-41. (28)
- 2,237,832; All. Showa Sangyo Kabushiki Kaisha. Process for manufacturing artificial fiber from protein contained in soybean. Issued 4-8-41. (39)
- 2,237,893; Dietz Ernst; Thierfelder Hans et al. Full fashioned stocking. Issued 4-8-41. (28)
- 2,237,970; Pabst Wilhelm. Starting device particularly for internal combustion engines. Issued 4-8-41. (28)
- 2,237,982; Ferlito Edoardo. Method of tempering glass. Issued 4-8-41. (38)
- 2,238,055; All. Kulmbacher Spinnerei. Carding device. Issued 4-15-41. (28)
- 2,238,167; Genest Werner. Apparatus for preventing or diminishing sound transmission. Issued 4-15-41. (28)
- 2,238,230; All. Schlafhorst W Co. Apparatus for producing cops. Issued 4-15-41. (28)
- 2,238,261; All. Lorenz C A G. Radio beacon system. Issued 4-15-41. (28)
- 2,238,269; All. Lorenz C A G. Radio direction finder or emitter. Issued 4-15-41. (28)
- 2,238,286; Pungs Leo. Modulation system. Issued 4-15-41. (28)
- 2,238,313; Egersdorger Fritz. Twin type gear pump. Issued 4-15-41. (28)
- 2,238,412; Daniel Karl. Mechanical sound recording and reproduction. Issued 4-15-41. (28)
- 2,238,427; Schmid Alfred. Structural material. Issued 4-15-41. (28)
- 2,238,529; Kubler Hans Wolfgang. Calculating instrument. Issued 4-15-41. (28)
- 2,238,562; Hartmann Otto. Generation of high pressure steam with low salt content. Issued 4-15-41. (28)
- 2,238,612; Tsuchiya Tsurukichi. Apparatus for putting phonograph records in order after use. Issued 4-15-41. (39)
- 2,238,645; Horn Erhard. Artificial horizon. Issued 4-15-41. (28)
- 2,238,656; Melzer Ernst et al; Siegmund Herbert; Kalep Georg. Device for automatic leveling up of pieces of material. Issued 4-15-41. (28)
- 2,238,668; Wellenstein Robert. Device for the production of sound vibrations of definite frequency by means of a pipe or whistle. Issued 4-15-41. (28)
- 2,238,675; Breuning Robert. Adjustable tool holder. Issued 4-15-41. (28)
- 2,238,836; All. Langschienen GmbH. Rail joint. Issued 4-15-41. (6)
- 2,238,846; All. Ruhrchemie A G. Process of improving lubricating oils. Issued 4-15-41. (28)
- 2,238,888; Kluth Bruno. Dispensing closure member. Issued 4-22-41. (28)
- 2,238,903; Lieneweg Fritz. Electrode for measuring the conductivity of liquids. Issued 4-22-41. (28)
- 2,239,103; Jung Karl. Headstock for-machine tools particularly grinding machine. Issued 4-22-41. (28)
- 2,239,230; Hartmann Otto. Heat exchanger. Issued 4-22-41. (28)
- 2,239,252; Sander Karl. Pipe coupling. Issued 4-22-41. (28)
- 2,239,305; Tacconi Guido. Carburetor. Issued 4-22-41. (38)
- 2,239,330; Lorand Sandor. Recording device. Issued 4-22-41. (34)
- 2,239,459; Kattwinkel Hans. Multiple disk brake. Issued 4-22-41. (28)
- 2,239,465; Nepoti Agostino. Welding rod. Issued 4-22-41. (38)
- 2,239,477; Yasuda Kenichi. Braiding machine. Issued 4-22-41. (39)
- 2,239,620; Neumann Willy. Means for filtering or purifying fluid. Issued 4-22-41. (28)
- 2,239,642; All. Berghaus Bernhard. Coating of articles by means of cathode disintegration. Issued 4-22-41. (28)
- 2,239,677; Jobst Gunther. Method of electron control. Issued 4-29-41. (28)
- 2,239,678; Jobst Gunther. Shock excitation system. Issued 4-29-41. (28)
- 2,239,731; Neumann Willy. Purifier for gases or vapors. Issued 4-29-41. (28)
- 2,239,811; All. Maschinenfabrik Augsburg Nurnberg. Grave testing process and apparatus. Issued 4-29-41. (28)
- 2,239,922; Martinka Michael. Internal combustion engine. Issued 4-29-41. (28)
- Marzoli Luigi. Holding and centering device for spinning twisting and like machines. (38)
- 2,240,017; Primavesi Otto. Process for producing white mechanical wood pulp from pine wood. Issued 4-29-41. (28)
- 2,240,018; Puschner Julius et al; Puschner Josef. Device for producing sliding clasp fasteners. Issued 4-29-41. (28)
- 2,240,047; Issued 4-29-41.
- 2,240,084; All. Motoren Werke Mannheim A G Vormals. Drive for motor vehicles. Issued 4-29-41. (28)
- 2,240,099; Schincke Otto. Method of bright annealing elongated metal bodies. Issued 4-29-41. (6)

- 2,240,100; Schmidt Martin. Water tube steam generator and parts thereof. Issued 4-29-41. (28)
- 2,240,105; Vogel Max. Stapling plier. Issued 4-29-41. (28)
- 2,240,214; All. Lehmann J M. Conveyer system for the molds in machines for casting or molding chocolate or like masses. Issued 4-29-41. (28)
- 2,240,262; Honnef Hermann et al; Geffcken Heinrich. Power generating system. Issued 4-29-41. (28)
- 2,240,271; All. Bakelite GmbH. Method for producing ureaformaldehyde resins. Issued 4-29-41. (28)
- 2,240,307; List Heinrich. Fluid pump. Issued 4-29-41. (28)
- 2,240,423; Spliss Georg. Sheet feeding control device. Issued 4-29-41. (28)
- 2,240,424; Spliss Georg. Sheet feeding and registering device. Issued 4-29-41. (28)
- 2,240,465; Sorge Otto. Rotary machine. Issued 4-29-41. (28)
- 2,240,570; Oesterheld Karl Adolf. System for freeing motor vehicles. Issued 5-6-41. (28)
- 2,240,641; Dummler Willy. Machine for manufacturing edible ice. Issued 5-6-41. (28)
- 2,240,671; Sborlino Gino. Apparatus for the concentration of minerals. Issued 5-6-41. (38)
- 2,240,672; All. Deutsche Edelstahlwerke A G. Welding rod. Issued 5-6-41. (28)
- 2,240,690; Diemer Anton. Door latch. Issued 5-6-41. (28)
- 2,240,762; All. Maschinenfabrik Augsburg Nurnberg. Inking apparatus for aniline color printing machines. Issued 5-6-41. (28)
- 2,240,955; Mittelmann Eugen. High frequency wattmeter. Issued 5-6-41. (28)
- 2,240,995; All. Zahnradfabrik Friedrichshafen A G. Change speed gear. Issued 5-6-41. (28)
- 2,241,009; All. Sauer J P & Sohn. Locking device for double barrel firearms. Issued 5-6-41. (28)
- 2,241,069; All. Universelle Cigarettenmaschinen. Cigar filler press. Issued 5-6-41. (28)
- 2,241,119; All. Pintsch Julius Kommandit Ges. Ultra short wave apparatus. Issued 5-6-41. (28)
- 2,241,143; Kuster Ferdinand. Suspension for lubrication and other purposes. Issued 5-6-41. (28)
- 2,241,147; Maier Friedrich Eugen. Vehicle body. Issued 5-6-41. (28)
- 2,241,149; Mento Francesco. Trolley system for streetcars and other electric cars. Issued 5-6-41. (38)
- 2,241,202; Jameson Herbert Mellor. Axminster loom. Issued 5-6-41. (28)
- 2,241,222; Sonnino Bruno. Process for raising and curling the fluffs of fabrics. Issued 5-6-41. (38)
- 2,241,285; Wenzig Willy. Copying lathe. Issued 5-6-41. (28)
- 2,241,432; Von Ardenne Manfred et al; Von Borries Bodo. Electron scanning microscope. Issued 5-13-41. (28)
- 2,241,527; Schieferstein Georg Heinrich. Oscillating mechanical system for the transmission of power. Issued 5-13-41. (28)
- 2,241,613; Pauling Harry. Manufacture of nitrates. Issued 5-13-41. (28)
- 2,241,651; Thoma Hans. Hydraulic device. Issued 5-13-41. (28)
- 2,241,742; Schuphaus Gustav. Process of producing alkaline earth molybdates in lumps. Issued 5-13-41. (28)
- 2,241,764; All. Klein Schanzlin and Becker A K G. Power transmission. Issued 5-13-41. (28)
- 2,241,782; Jendrassik George. Gas turbine. Issued 5-13-41. (34)
- 2,241,848; All. Standard Bronzefarben Werke Carl. Apparatus for preparing very fine lustrous metal particles. Issued 5-13-41. (28)
- 2,241,914; All. Lorenz C A G. Toroidal coil. Issued 5-13-41. (28)
- 2,241,972; All. Junkers Flugzeug und Motorenwerke A G. Structure of aircraft. Issued 5-13-41. (28)
- 2,242,028; All. Maschinenfabrik Augsburg. Machine tool. Issued 5-13-41. (28)
- 2,242,057; All. Officina Meccanica Olivetti. Hydraulic device. Issued 5-13-41. (38)
- 2,242,143; Loimann Anton Richter Max et al; Flat knitting frame. Issued 5-13-41. (28)
- 2,242,267; Seidel Max. Apparatus for and method of obtaining or separating volatile substances from solutions containing the same. Issued 5-20-41. (28)
- 2,242,312; Machts Ludwig. Geophysical apparatus. Issued 5-20-41. (28)
- 2,242,364; Montanari Cesare. Machine for manufacturing macaroni automatically. Issued 5-20-41. (38)
- 2,242,366; All. Simens & Halske A G. Apparatus for testing magnetizable workpieces for cracks. Issued 5-20-41. (28)
- 2,242,378; All. Marschall Auto Motorradteile. Ventilation of rooms and the like. Issued 5-20-41. (28)
- 2,242,399; Kurth Rudolf. Fire extinguisher system. Issued 5-20-41. (28)
- 2,242,432; Lukacs Friedrich. Heat exchanger. Issued 5-20-41. (28)
- 2,242,498; All. Deckel Friedrich. Slide guide for machine tools. Issued 5-20-41. (28)
- ; All. Fides Ges fur die Verwaltung und. Controllable electric discharge tube operating with alternating current. (28)
- 2,242,614; Miesen Erich. Device for connecting parts of portable buildings. Issued 5-20-41. (28)
- 2,242,618; Randzio Reinhold. Transfer device for bookkeeping systems. Issued 5-20-41. (28)
- 2,242,620; Sakamoto Kyugoro. Shuttle change mechanism for power looms. Issued 5-20-41. (39)
- 2,242,660; All. Schlafhorst W Co. Cop winding machine with independent winding points. Issued 5-20-41. (28)
- 2,242,735; Scheibe Robert Kammuller Karl et al; Manufacture of magnesia concretes. Issued 5-20-41. (28)
- 2,242,844; Baier Wilhelm et al; Baier Walter. Catch for sliding roofs for motor vehicles. Issued 5-20-41. (28)
- 2,242,871; Strobel Werner Raab Leopold et al. Valve arrangement for two stroke cycle internal combustion engines. Issued 5-20-41. (28)
- 2,243,011; L Orange Prosper Dec. Injector for internal combustion engines. Issued 5-20-41. (28)
- 2,243,021; Takenouchi Toshitaro. Squirrel cage rotor of induction machines. Issued 5-20-41. (39)
- 2,243,057; All. Wolf Georg GmbH. Cystoscopic lithotrite. Issued 5-20-41. (28)
- 2,243,150; All. Wanderer Werke Vorm Winkelhofer. Calculating machine. Issued 5-27-41. (28)
- 2,243,160; All. Inagee Kamerawerk Steenbergen Co. Projection apparatus. Issued 5-27-41. (28)
- 2,243,178; Weiss Georg. Electron multiplier. Issued 5-27-41. (28)
- 2,243,235; Knedel Walter Von Weingraber Herbert et al. Hardness indicating device. Issued 5-27-41. (28)
- 2,243,369; Albert Janos. Manufacture of artificial stones with high porosity. Issued 5-27-41. (34)
- 2,243,377; Haller Ludwig. Set of false teeth. Issued 5-27-41. (28)
- 2,243,381; Klopfer Volkmar. Process for manufacturing sugar. Issued 5-27-41. (28)
- 2,243,383; Leber Alois. Photoelectric exposure meter. Issued 5-27-41. (28)
- 2,243,403; Von Adrenne Manfred. Magnetic objective for electron microscopes. Issued 5-27-41. (28)
- 2,243,429; All. Langbein Pfanhauser Werke A G. Electroplating of nonconductive surfaces. Issued 5-27-41. (28)
- 2,243,467; Jendrassik George. Process and equipment for gas turbines. Issued 5-27-41. (34)
- 2,243,608; Schaurte Werner T. Process of making plug gauges. Issued 5-27-41. (28)
- 2,243,616; Bing Julius et al; Block Otto. Lifting magnet. Issued 5-27-41. (28)
- 2,243,760; All. Ruhrchemie A G. Process for producing Diesel oils. Issued 5-27-41. (28)
- 2,244,047; All. Heinkel Ernst. Holder up for riveting. Issued 6-3-41. (28)
- 2,244,048; All. Heinkel Ernst. Rivet guiding means. Issued 6-3-41. (28)
- 2,244,190; Ehrenberg Hermann. Profile copying machine. Issued 6-3-41. (28)
- 2,244,197; Hessler Christian Rudolph. Bearing. Issued 6-3-41. (28)
- 2,244,210; Nashan Paul. Method for partially oxidizing methane. Issued 6-3-41. (28)
- 2,244,406; Schonwald Alexander. Electric motor. Issued 6-3-41. (28)
- 2,244,453; Wille Rudolf Fottinger Hermann et al. Scavenging of two stroke cycle internal combustion engines. Issued 6-3-41. (28)
- 2,244,561; Lombardini Luigi. Vertical file drawer. Issued 6-3-41. (38)
- 2,244,603; Bauer Karl. Gyroscopic apparatus. Issued 6-3-41. (28)
- 2,244,653; All. Kienzle Taxameter und Apparate A G. Indicating and recording apparatus. Issued 6-3-41. (28)
- 2,244,697; Hell Fritz. Spotlight. Issued 6-10-41. (28)
- 2,244,733; All. Klangfilm GmbH. Sound recording apparatus. Issued 6-10-41. (28)
- 2,244,784; All. Lorenz C A G. High frequency arrangement. Issued 6-10-41. (28)
- 2,244,851; All. Schlafhorst W and Co. Cop winding machine. Issued 6-10-41. (28)
- 2,244,906; All. Telephone apparat fabrik E. Telephone system. Issued 6-10-41. (28)
- 2,245,139; Beck Ludwig. Starting device for carburetors. Issued 6-10-41. (28)
- 2,245,169; Geffcken Heinrich; Von Ende Emil Freiherr et al. Compressed fibrous material. Issued 6-10-41. (28)
- 2,245,170; Geffcken Heinrich; Von Ende Emil Freiherr et al. Method of producing veneers. Issued 6-10-41. (28)
- 2,245,286; Marzocchi Luigi. Electromagnetic sound recording. Issued 6-10-41. (38)
- 2,245,366; Bollenrath Franz; Cornelius Heinrich; Rohn Wilhelm et al. Hardening cobalt nickel chromium iron alloys. Issued 6-10-41. (28)
- 2,245,368; Schlick Hellmut. Device for maintaining a constant tension on yarns in warping. Issued 6-10-41. (28)
- 2,245,389; Cremer Leonhard. Coffee brewing apparatus. Issued 6-10-41. (28)
- 2,245,459; Buhler Georg. Copper alloy. Issued 6-10-41. (28)
- 2,245,470; Fuchs Gunter. Ceiling heating system. Issued 6-10-41. (28)
- 2,245,506; Skrebba Ida Geb Stuhlinger. Stapling apparatus. Issued 6-10-41. (28)
- 2,245,522; All. Metrawatt A C. Photoelectric exposure meter. Issued 6-10-41. (28)
- 2,246,259; Machts Ludwig. Apparatus for making geophysical or other measurements. Issued 6-17-41. (28)
- 2,246,439; Hennicke Alfred et al; Bossel Hugo. Stereoscopic camera. Issued 6-17-41. (28)
- 2,246,473; All. Vereinigte Kugellagerfabriken A G. Pawl for spindle swing arms. Issued 6-17-41. (28)
- 2,246,474; All. Vereinigte Kugellagerfabriken A G. Guiding arrangement for top weighting rolls. Issued 6-17-41. (28)
- 2,246,475; All. Vereinigte Kugellagerfabriken A G. Upper part for spindles. Issued 6-17-41. (28)
- 2,246,515; All. Maschinen und metallwaren. Compressor. Issued 6-24-41. (28)

<sup>1</sup> So in original document.



- 2,246,536; Reinthaler Josef. Thermostat and other thermomotive means. Issued 6-24-41. (28)
- 2,246,538; Rezsny Koloman. Driving device for the transmission of power by rolling elements especially for driving timing mechanisms of tachometers. Issued 6-24-41. (34)
- 2,246,938; Holub Adolf. Slide needle for taking up loops. Issued 6-24-41. (28)
- 2,246,990; Wuppermann Wilhelm. Apparatus for spinning rayon. Issued 6-24-41. (28)
- 2,246,997; Kudar Hans. Color photography. Issued 6-24-41. (28)
- 2,247,014; All. Olympia Buromaschinenwerke A G. Tabulating and margin setting mechanism. Issued 6-24-41. (28)
- 2,247,038; Uriga Leopold. Time delay switch. Issued 6-24-41. (28)
- 2,247,174; All. Bruder Elsert A G. Combined cigarette case and lighter. Issued 6-24-41. (28)
- 2,247,185; Caccioppoli Lorenzo. Distillation process. Issued 6-24-41. (38)
- 2,247,223; All. Siemens and Halske A G. Telephone system. Issued 6-24-41. (28)
- 2,247,242; Kreidel Hans. Nipple with coupling head for high pressure lubricant devices. Issued 6-24-41. (28)
- 2,247,287; All. Biancelli Luigi. Device for the suction of foul air water closet basin. Issued 6-24-41. (38)
- 2,247,298; Kattwinkel Hans. Multiple disk brake coupling and the like. Issued 6-24-41. (28)
- 2,247,303; Lieberknecht Karl Richard. Needle bar for flat hosiery machines. Issued 6-24-41. (28)
- 2,247,313; Schwarz Benno. Alternating current series motor. Issued 6-24-41. (28)
- 2,247,462; All. Deckel Friedrich. Milling and copying machine. Issued 7-1-41. (28)
- 2,247,523; All. Deutsche Erdol A G. Process for refining phenols. Issued 7-1-41. (28)
- 2,247,527; Stinnes Hanns Heinz. Swash ring driving mechanism. Issued 7-1-41. (28)
- 2,247,605; Casagrande Aldo. Centrifugal drier for textile fibers. Issued 7-1-41. (38)
- 2,247,637; Lombardini Luigi. Filing device. Issued 7-1-41. (38)
- 2,247,643; Bollenrath Franz; Cornelius Heinrich; Rohn Wilhelm et al. Hardening cobalt nickel chromium iron alloys. Issued 7-1-41. (28)
- 2,247,656; Friedrich Bruno. Vise. Issued 7-1-41. (28)
- 2,247,783; Massolle Joseph. Machine for the production of alternating energy from direct current sources. Issued 7-1-41. (28)
- 2,247,847; Pfeumer Fritz. Recording and reproducing device for magnetic sound writing. Issued 7-1-41. (28)
- 2,247,854; All. Mitteldeutsche Stahlwerke A G. Tank for galvanizing metal articles by the lead zinc process. Issued 7-1-41. (28)
- 2,247,889; Paolillo Cesare. Liquid fuel burner. Issued 7-1-41. (38)
- 2,247,984; Jansen Rohdolf; Wetzold Otto; Bensinger Wolf Dietrich et al; Packing for rotary valves in internal combustion engines. Issued 7-1-41. (28)
- 2,247,985; Borgward Carl. Control gear for motor vehicles with four wheel steering arrangement. Issued 7-1-41. (28)
- 2,247,991; All. Tefi Apparatebau Dr Daniel K G. Method of duplicating sound records. Issued 7-1-41. (28)
- 2,247,995; Gilbert Ernst. Antifriction journal bearing. Issued 7-1-41. (28)
- 2,248,008; Miesen Erich. Ski with antislip means. Issued 7-1-41. (28)
- 2,248,241; Hasegawa Shuji; Kondo Heisaburo et al. Method of preparing alkaloids from koto tsuzurafuji stephanias sasakii hayata. Issued 7-8-41. (39)
- 2,248,279; Nepoti Agostino. Welding rod. Issued 7-8-41. (38)
- 2,248,439; All. Wurker. Blind stitching and pique machine. Issued 7-8-41. (28)
- 2,248,440; Schmid Otto. Process and apparatus for making helical tension springs having particularly great preliminary tension. Issued 7-8-41. (28)
- 2,248,525; Fleissner Heinrich. Massaging device. Issued 7-8-41. (28)
- 2,248,534; Meyer Jagenberg Gunther et al; Plotze Adolf Conrad. Method of making paper containers. Issued 7-8-41. (28)
- 2,248,535; Meyer Jagenberg Gunther et al; Kuchler Karl. Process and apparatus for manufacturing paper containers. Issued 7-8-41. (28)
- 2,248,639; Miksits Reinhold. Rotary piston machine. Issued 7-8-41. (28)
- 2,248,913; Heller Maximilian. Upholstery springing. Issued 7-8-41. (28)
- 2,249,094; All. Quarzlampen Ges mbH. Electric discharge tube. Issued 7-15-41. (28)
- 2,249,146; Krug Rudolf. Lathe. Issued 7-15-41. (28)
- 2,249,147; Kuppers Josef. Quick traverse winding frame. Issued 7-15-41. (28)
- 2,249,186; Spiess Georg. Conveying table for the transverse feeding of material in sheet form. Issued 7-15-41. (28)
- 2,249,212; Kolbe Joachim. Vehicle body suspension means. Issued 7-15-41. (28)
- 2,249,294; Kohler Erwin. Device for preventing the unintentional shutting of dogs. Issued 7-15-41. (28)
- 2,249,556; Fackert Walter. Method of annealing iron sheets or strips. Issued 7-15-41. (28)
- 2,249,961; Kalman Marton. Fountain pen. Issued 7-22-41. (34)
- 2,250,067; Martin Josef. Mechanical stoker. Issued 7-22-41. (28)
- 2,250,240; All. Junkers flagezeug und motorenwerke A G. Load carrier for aircraft. Issued 7-22-41. (28)
- 2,250,372; All. Steyr Daimler Puch A G. Drive of motor vehicles. Issued 7-22-41. (6)
- 2,250,552; Pinter Akos. Process for the production of tin oxide. Issued 7-29-41. (34)
- 2,250,786; Yamashita Sonosuke. Manifold of an internal combustion engine. Issued 7-29-41. (39)
- ; <sup>1</sup> All. Klockner Humboldt Deutz A G. Fuel injector for internal combustion engine. (28)
- 2,250,898; Tonnies Hans Ferdinand. Photographic apparatus. Issued 7-29-41. (28)
- 2,251,078; All. Colorrip Relssverschluss. Zip fastener. Issued 7-29-41. (28)
- 2,251,174; Sosso Giulio. Sear mechanism. Issued 7-29-41. (38)
- 2,251,266. Issued 8-5-41. (38)
- 2,248,691; Tombolini Alfredo. Type bar mechanism for typewriters. Issued 7-8-41. (38)
- 2,248,693; Bartscherer Franz. Method for producing hollow bodies in centrifugal casting molds rotatable about the vertical axis. Issued 7-8-41. (28)
- 2,248,752; All. Lorenz A G. Radio transmitter for obtaining course lines. Issued 7-8-41. (28)
- 2,248,754; All. Lorenz A G. Band filter device. Issued 7-8-41. (28)
- 2,248,762; All. Lorenz A G. Directional antennae. Issued 7-8-41. (28)
- 2,248,771; All. Lorenz A G. Television receiver. Issued 7-8-41. (28)
- 2,248,772; All. Lorenz A G. Television system. Issued 7-8-41. (28)
- 2,248,774; All. Fides Ges fur die Verwaltung und. Mechanical impulse repeater. Issued 7-8-41. (28)
- 2,248,782; All. Lorenz A G. Practicing. Issued 7-8-41. (28)
- ; <sup>1</sup> All. Erben Georg Von Glesche S. Magnesium alloy. (28)
- 2,251,510; All. Berghaus Bernahrd. Method of coating metallic articles. Issued 8-5-41. (28)
- 2,251,516; Dorner Ernst. Control device for carburetors on motor vehicles. Issued 8-5-41. (28)
- 2,251,666; All. Telephon Apparat Fabrik E. Impulse sender. Issued 8-5-41. (28)
- 2,251,728; Artana Renzo Aldo. Card for punched card accounting machines. Issued 8-5-41. (38)
- 2,251,741; All. Junkers Flugzeug und Motorenwerke. Mechanism for producing curved metal articles. Issued 8-5-41. (28)
- 2,251,836; Schmidt Adam. Pneumatic machine gun adapter for. Issued 8-5-41. (6)
- 2,251,877; All. Bernhard Berghaus. Electric resistance welding installation. Issued 8-5-41. (28)
- 2,251,879; Akaboshi Sokichi. Spinning apparatus. Issued 8-5-41. (39)
- 2,252,059; All. Siemens Apparate und Maschinen. Method and a device for determining the magnitudes of magnetic fields. Issued 8-12-41. (28)
- 2,252,465; Kraft Anton. Rope twisting and laying machine. Issued 8-12-41. (28)
- 2,252,467; Luzzati Tommaso Riccardo. Projector for stereoscopic images. Issued 8-12-41. (38)
- 2,252,477; Bauer Wilhelm. Cultivating machine. Issued 8-12-41. (28)
- 2,252,502; Frische Kurt. Device for removing woody matter from fibre containing stalks. Issued 8-12-41. (28)
- 2,252,574; Leitz Ludwig. Photographic distance meter. Issued 8-12-41. (28)
- 2,252,608; Ballert Otto. Dust cart. Issued 8-12-41. (28)
- 2,252,615; Breuer Leo. File for form slips and the like. Issued 8-12-41. (28)
- 2,252,621; Eichler Ulrich. Calculating machine. Issued 8-12-41. (28)
- 2,252,640; Nuchterlein Karl. Reflex camera. Issued 8-12-41. (28)
- 2,252,660; Kulikoff Waldemar. Hydraulic device for stabilizing and steering purposes. Issued 8-12-41. (28)
- 2,252,905; Wendland Heinrich. Safety device for gas systems. Issued 8-19-41. (28)
- 2,253,067; Draemann Max. Production of rubber threads. Issued 8-19-41. (28)
- 2,253,104; Barosi Cinzio. Elastic half belt for trousers. Issued 9-19-41. (38)
- 2,253,125; Hauschild Walter; Heineke Heinrich et al. Fishing hook particularly for the catching of big fish. Issued 8-19-41. (28)
- 2,253,291; All. Magyar Ruggyantaarugyar. Process for the manufacture of hollow rotating bodies. Issued 8-19-41. (34)
- 2,253,426; Graefe Kurt Heinz. Method for producing luminescent screens. Issued 8-19-41. (28)
- 2,253,427; Hachtel Wilhelm. Curtain rod of the railway type. Issued 8-19-41. (28)
- 2,253,437; Leimer Karl. Hydraulic pot press which serves for pressing cocoa butter from the liquid cocoa mass. Issued 8-19-41. (28)
- 2,253,438; Lutz Hans. Tractor with gas producer arranged thereon. Issued 8-19-41. (28)
- 2,253,446; Spiess Georg. Buckling folding machine. Issued 8-19-41. (28)
- 2,253,512; Fechner Fritz Wilhelm et al; Wussow Reinhard. Apparatus for the production of ice. Issued 8-26-41. (28)
- 2,253,696; Lauth Philipp Lorenz. Method for extraction of oil seeds. Issued 8-26-41. (28)
- 2,253,701; Grunbaum Heinrich. Apparatus for measuring the length of strip material. Issued 8-26-41. (28)
- 2,253,728; Schonfeld Paul. Warp machine. Issued 8-26-41. (28)
- 2,253,738; Totschnig Karl. Closure for tubes. Issued 8-26-41. (28)
- 2,253,750; Beier Josef. Friction gearing. Issued 8-26-41. (28)
- 2,253,795; List Heinrich. Oscillation scanning and measuring apparatus. Issued 8-26-41. (28)
- 2,253,858; Dathe Max; Lucas Helmut et al. Automatic page turning block. Issued 8-26-41. (28)

<sup>1</sup> So in original document.

- 2,253,897; Doderer Wilhelm. Contrivance for treating materials within a gas atmosphere of increased pressure. Issued 8-26-41. (28)
- 2,253,904; All. Kupper Asbest Co. Packing ring. Issued 8-26-41. (28)
- 2,253,998; Hebel Martin; Beermann Friedrich et al. Telephone system. Issued 8-26-41. (28)
- 2,254,042; Lihotzky Emil. Mixing device for dough and the like. Issued 8-26-41. (28)
- 2,254,195; Cicin Paul. Stepless mechanical torque converter. Issued 8-26-41. (28)
- 2,254,242; Righi Aldo. Indicating measuring apparatus. Issued 9-2-41. (38)
- 2,254,293; Kaehlert Arthur. Sawing machine. Issued 9-2-41. (28)
- 2,254,330; Stiebel Theodor. Electric immersion heater. Issued 9-2-41. (28)
- 2,254,420; Kreuzer Conradin. Method of producing selenium coated electrodes. Issued 9-2-41. (28)
- 2,254,638; Wienand Heiner. Method and apparatus for molding artificial teeth. Issued 9-2-41. (26)
- 2,254,660; Killer Karl et al; Galocsy Zsigmond. Treatment of ferriferous ores. Issued 9-2-41. (34)
- 2,254,677; Festini Bertolo. Rotary brush. Issued 9-2-41. (38)
- 2,254,686; Kampfer Adolf H; Schattmann Albert. Apparatus for producing additive color films. Issued 9-2-41. (28)
- 2,254,793; Burstyn Walther. Grid controlled tube with electron multiplier. Issued 9-2-41. (28)
- 2,254,805; Junker Erich et al; Leitgeb Willibald. Process for the separation of metals. Issued 9-2-41. (28)
- 2,254,916; Schneider Paul Ernst. Direction indicator. Issued 9-2-41. (28)
- 2,254,940; Endres Gunther. Rust prevention. Issued 9-2-41. (28)
- 2,255,000; Haber Christian et al; Haumann Ernst. Production of boots and shoes. Issued 9-2-41. (28)
- 2,255,014; Roder Kurt. Producing stockings in a single operation. Issued 9-2-41. (28)
- 2,255,109; Fischer Hellmuth. Luminescent glass and electric discharge lamp made therefrom. Issued 9-9-41. (28)
- 2,255,135; Tornow Maximilian. Safety device for gas systems. Issued 9-9-41. (28)
- 2,255,184; Osenberg Werner. Method of bonding metal to insulation. Issued 9-9-41. (28)
- 2,255,209; Fischer Karl. Method of manufacturing electric heating plates. Issued 9-9-41. (28)
- 2,255,215; All. Maschinen und Metallwaren. Regulating means. Issued 9-9-41. (28)
- 2,255,426; All. Schlesische Spiegelglas Manufactur. Method of winding thin threads or filaments. Issued 9-9-41. (28)
- 2,255,458; Tominaga Masaichi. Acoustic device. Issued 9-9-41. (39)
- 2,255,482; Daeves Karl et al; Becker Gottfried; Steinberg Fritz. Process which consists in causing chromium to diffuse. Issued 9-9-41. (28)
- 2,255,532; Rank Werner. Method of introducing gases into liquids. Issued 9-9-41. (28)
- 2,255,548; All. Universelle Cigarettenmaschinen. Tobacco cutting machine. Issued 9-9-41. (28)
- 2,255,559; Daniel Karl. Process for producing endless sound recording tapes joined together in crossed fashion. Issued 9-9-41. (28)
- 2,255,560; All. Siemens Apparate und Maschinen. Hydraulic power system. Issued 9-9-41. (28)
- 2,255,594; Berndt Karl. Apparatus for the twist spinning of artificial threads. Issued 9-9-41. (28)
- 2,255,608; All. Teltsch Arnold. Circular loom. Issued 9-9-41. (34)
- 2,255,820; Schieferstein Georg Heinrich. Oscillating mechanical system of the resonance type. Issued 9-16-41. (28)
- 2,255,821; Schlipp Ludwig et al; Boettle Max. Double tape drawing frame for spinning and similar machines. Issued 9-16-41. (28)
- 2,255,855; Matthaei Curt. Device for attaching belt hooks. Issued 9-16-41. (28)
- 2,255,915; De Kramolin Leon Ladislav. Tuning arrangement. Issued 9-16-41. (28)
- 2,255,925; Heylandt Christian Wilhelm Paul. Multistage internal combustion engine. Issued 9-16-41. (28)
- 2,255,980; Kuhlmann Heinrich. Grain harvester. Issued 9-16-41. (28)
- 2,256,034; All. Freudenberg Carl. Artificial leather substitute. Issued 9-16-41. (28)
- 2,256,040; Becker Oskar Walter et al; Weiss Emil. Process for drying artificial gut produced from animal fibrous material. Issued 9-16-41. (28)
- 2,256,068; Voster Reinhold. Strap connector. Issued 9-16-41. (28)
- 2,256,172; Schatz August et al; Braun Josef; Heim Rudolf. Roll film camera. Issued 9-16-41. (28)
- 2,256,198; All. Heinkel Ernst. Aircraft power plant. Issued 9-16-41. (28)
- 2,256,208; Leltz Ludwig et al; Broschke Heinrich. Combined camera and exposure meter. Issued 9-16-41. (28)
- 2,256,228; Zimmerman Otto. Optical system for measuring purposes. Issued 9-16-41. (28)
- 2,256,233; All. Lorenz C AKG. Differential condenser circuits. Issued 9-16-41. (28)
- 2,256,253; Neuss Oscar. Production of protein containing urea formaldehyde plastics. Issued 9-16-41. (28)
- 2,256,260; Galanit Valentino. Accordion. Issued 9-16-41. (38)
- 2,256,274; All. Riedel J D E De Haen A G. Salicylic acid sulphanyl sulphaniamide. Issued 9-16-41. (28)
- 2,256,393; All. Junkers Flugzeug und. Cooling the charge of internal combustion engines. Issued 9-16-41. (28)
- 2,256,421; All. Linde S Eismaschinen A G. Process for the separation of air by liquefaction and rectification. Issued 9-16-41. (28)
- 2,256,440; All. Maybach Motorenbau GmbH. Control mechanism for power operated gear shifting apparatus. Issued 9-16-41. (28)
- 2,256,563; All. Lanz Heinrich A G. Root harvesting machine. Issued 9-23-41. (28)
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- 2,256,738; Gilli Paul. Means for operating fireless locomotives. Issued 9-23-41. (28)
- 2,256,771; All. Berghaus Bernhard. Method of coating articles by cathode disintegration. Issued 9-23-41. (28)
- 2,256,786; All. Ural Maschinen Vertriebsgesell. Portable motor driven saw. Issued 9-23-41. (28)
- 2,256,845; Lanninger Karl Ludwig. Pipe coupling. Issued 9-23-41. (28)
- 2,256,847; All. Kerb Konus Ges Dr. Carl Elbes. Tool. Issued 9-23-41. (28)
- 2,256,851; Schnorr Adolf. Locking device for nuts bolts and screws. Issued 9-23-41. (28)
- 2,256,852; Schubert Karl. Apparatus for feeding cloth samples from a supply thereof in a magazine. Issued 9-23-41. (28)
- 2,256,855; All. Luftfahrtforschungsanstalt. System for investigating density fields. Issued 9-23-41. (28)
- 2,256,977; Graebener Richard. Case display carton and the like. Issued 9-23-41. (28)
- 2,257,025; Schuster Fritz. Rubber faced roller. Issued 9-23-41. (28)
- 2,257,026; Szauer Sandor. Shoe sole. Issued 9-23-41. (34)
- 2,257,028; Westerkamp Hugo. Sound recorder for sound tapes. Issued 9-23-41. (28)
- 2,257,040; All. Tefl Apparatebau Dr Daniel K G. Sound apparatus. Issued 9-23-41. (28)
- 2,257,064; Muller Heinrich. Traveling toy. Issued 9-23-41. (28)
- 2,257,222; Bergmann Armin. Process for the manufacture of artificial sausage skins. Issued 9-30-41. (28)
- 2,257,223; Borgmann Johann. Rammer especially for road making. Issued 9-30-41. (28)
- 2,257,235; Grimm Hans et al; Kempf Oskar. Knitted fabric. Issued 9-30-41. (28)
- 2,257,243; Meyer Jagenberg Gunther. Method and apparatus for closing paper container. Issued 9-30-41. (28)
- 2,257,253; Wemhoner Wilhelm et al; Plage and apparatus for closing paper containers. Issued 9-30-41. (28)
- 2,257,405; Von Burtenbach Hanns Freiherr Schertel. Hydroplane. Issued 9-30-41. (28)
- 2,257,406; Von Burenbach Hanns Freiherr Schertel. Supporting plane for hydroplanes. Issued 9-30-41. (28)
- 2,257,411; All. Berghaus Bernhard. Method of cathode disintegration. Issued 9-30-41. (28)
- 2,257,420; Lau Ernst. Arrangement for determining the distance of an observer from predetermined objects. Issued 9-30-41. (28)
- 2,257,422; Maier Friedrich Eugen. Joint for wheel suspension devices. Issued 9-30-41. (28)
- 2,257,428; Ruegenberg Gottfried. All around extensible paper. Issued 9-30-41. (28)
- 2,257,429; Ruegenberg Gottfried. Process for producing all around extensible paper. Issued 9-30-41. (28)
- 2,257,668; Steinberg Fritz; Becker Gottfried et al. Formation of protective layers on iron and steel articles. Issued 9-30-41. (28)
- 2,257,695; Lihotzky Emil. Worm press for the manufacture of alimentary pastes. Issued 9-30-41. (28)
- 2,257,829; Winkler Alfred et al; Dunnebler Max. Method and apparatus for forming windows in blanks for envelopes and other articles. Issued 10-7-41. (28)
- 2,257,877; Binder Richard. Disk clutch. Issued 10-7-41. (28)
- 2,257,917; Pungs Leo. Multiple telegraphy and telephony. Issued 10-7-41. (28)
- 2,257,954; Henkels Kurt. Slide fastener link. Issued 10-7-41. (28)
- 2,258,083; All. Wolf Georg GmbH. Instrument for examining body cavities. Issued 10-7-41. (28)
- 2,258,090; All. Wanderer Werke Vorm Winkhofer &. Bookkeeping machine. Issued 10-7-41. (28)
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- 2,258,378; Collmann Nanno Theodor Jurgen. Machine for preparing pneumatic tires for retreading. Issued 10-7-41. (28)
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- 2,258,382; Goebel Joseph. Apparatus for the projection of upright pictures. Issued 10-7-41. (28)
- 2,258,510; All. Zahnradfabrik Friedrichshafen A G. Method and machine for grinding toothed spur wheels. Issued 10-7-41. (28)



- 2,258,556; Schirm Erik. Protecting goods from vermin. Issued 10-7-41. (28)
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- 2,258,635; Uffrecht Bernhard. Adjustment of cameras. Issued 10-14-41. (28)
- 2,258,743; Dax Albert. Stethoscope. Issued 10-14-41. (34)
- 2,258,813; Schon Ludwig. Exciting direct current generator. Issued 10-14-41. (28)
- 2,258,830; Vollrath Paul. Electric stirring apparatus actuated by hand. Issued 10-14-41. (28)
- 2,258,938; Petersen Hugo. Process for the manufacture of sulphuric acid. Issued 10-14-41. (28)
- 2,259,079; All. Schlafhorst & Co W. Creel mechanism of warping frames. Issued 10-14-41. (28)
- 2,259,084; Rosenhaft Walter. Hand camera for the production therewith of small sized photographs in series. Issued 10-14-41. (38)
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- 2,259,226; Kuhne Kurt. Hydraulic towing device for river craft. Issued 10-14-41. (28)
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- 2,259,708; Schiebold Ernst. Testing materials by X-ray. Issued 10-21-41. (28)
- 2,259,850; Zundorf Helmut. Sheathed electric cable. Issued 10-21-41. (28)
- 2,259,966; Tappe Wilhelm. Fire extinguishing apparatus. Issued 10-21-41. (57)
- 2,260,157; All. Friedrich Deckel Munich Prinz. Counterbalancing means for engraving and copying machines. Issued 10-21-41. (28)
- 2,260,486; Schmeck Paul. Copy printing machine. Issued 10-28-41. (28)
- 2,260,688; L Orange Prosper. Regulation of the supply of fuel to internal combustion engines. Issued 10-28-41. (28)
- 2,260,755; All. Obermaier and Cie. Bobbin for the wet treatment of artificial silk spinning cake. Issued 10-28-41. (28)
- 2,260,776; Gerecht Ludwig. Process and apparatus for purifying or dressing clay. Issued 10-28-41. (28)
- 2,260,779; Hoffmann Ernst. Method of making ferroconcrete reinforcing elements. Issued 10-28-41. (28)
- 2,260,906; Hudec Erich. System for producing telegraph signals. Issued 10-28-41. (28)
- 2,260,912; Mahike Wilhelm. Elevator door lock. Issued 10-28-41. (28)
- 2,260,988; Dersen Heinrich. Cop frame. Issued 10-28-41. (28)
- 2,261,075; All. Gewerkschaft Mathias Stinnes. Process for producing readily inflammable solid fuels and driving substances. Issued 10-28-41. (28)
- 2,261,360; Gerendas Miksa. Device for the protection of trees and the like against insects and caterpillars. Issued 11-4-41. (34)
- 2,261,368; Hecht Walter. Method of treating plants to produce artificial or abnormal growths. Issued 11-4-41. (28)
- 2,261,463; All. Maschinenfabrik Augsburg Nurnberg. Impeller. Issued 11-4-41. (28)
- 2,261,532; Tonnies Hans Ferdinand. Photographic apparatus. Issued 11-4-41. (28)
- 2,261,747; Vegh Janos. Hairdressers implement. Issued 11-4-41. (34)
- 2,261,856; All. Junkers Flugzeugund. Fuel pump control by variable transmission. Issued 11-4-41. (28)
- 2,261,925; Salzer Albert. Pressure fluid servomotor for high potential switches. Issued 11-4-41. (28)
- 2,262,103; All. Zahnradfabrik Friedrichshafen A G. Dividing apparatus for grinding machines. Issued 11-11-41. (28)
- 2,262,205; All. Stotz Kontakt GmbH. Automatic cutout switch with bimetallic strip control. Issued 11-11-41. (28)
- 2,262,289; Kolbe Joachim. Curve compensation device for the superstructure of motor vehicles. Issued 11-11-41. (28)
- 2,262,617; L Orange Prosper. System for feeding liquids in gas free condition to devices using or disposing of the same. Issued 11-11-41. (28)
- 2,262,881; Boenecke Alfred. Method of producing sliding clasp fasteners. Issued 11-18-41. (28)
- 2,262,889; Streibel Ludwig; Ehresmann Adam et al. Sole sewing machine. Issued 11-18-41. (28)
- 2,262,966; Rohde Lothar. Piezoelectric crystal filter. Issued 11-18-41. (28)
- 2,262,968; All. Dornier Werke GmbH. Airplane control. Issued 11-18-41. (28)
- 2,263,165; All. United Incandescent Lamp. Suppression of disturbances in radio receiving sets. Issued 11-18-41. (34)
- 2,263,195; Inoue Yoshiyuki; Shikata Seishichi et al. Manufacture of higher alcohols by reduction with sodium amalgam. Issued 11-18-41. (39)
- 2,263,283; Becker Emil. Riveting method and apparatus. Issued 11-18-41. (28)
- 2,263,460; All. Lorenz C A G. Antenna structure. Issued 11-18-41. (28)
- 2,263,521; Schieferstein Georg Heinrich. Rubber spring arrangement. Issued 11-18-41. (28)
- 2,263,601; Wendler Alfred. Method for encasing or coating wires rods or tubes with glass or other thermoplastic substances. Issued 11-25-41. (28)
- 2,264,003; Osenberg Werner. Process for incorporating metal in resin structures. Issued 11-25-41. (28)
- 2,264,008; All. Lorenz C A G. Magnetic sound recording device. Issued 11-25-41. (28)
- 2,264,209; Krause Friedrich. Packing for vacuum and pressure apparatus. Issued 11-25-41. (28)
- 2,264,210; Krause Karl. Means for mounting objects in electron microscopes. Issued 11-25-41. (28)
- 2,264,456; All. Vereinigte Leichtmetall Werke GmbH. Method of casting metals. Issued 12-2-41. (28)
- 2,264,457; All. Vereinigte Leichtmetall Werke GmbH. Method of casting composite metals. Issued 12-2-41. (28)
- 2,264,463; All. Ichimura Kiyoshi. Mechanical pencil. Issued 12-2-41. (39)
- 2,264,645; Schafer Josef. Coke oven. Issued 12-2-41. (28)
- 2,264,648; Tebaldi Alessandro. Explosion engine. Issued 12-2-41. (38)
- 2,264,661; Kramolin Ladislav de. Tuning arrangement for oscillatory circuits. Issued 12-2-41. (28)
- 2,264,662; All. Rheinmetall Borsig A G. Sighting device for antiaircraft guns. Issued 12-2-41. (28)
- 2,264,914; L Orange Rudolf. Injection nozzle. Issued 12-2-41. (28)
- 2,264,916; Neumann Willy. Process and apparatus for reducing wear and tear in internal combustion engines. Issued 12-2-41. (28)
- 2,265,045; Pfeiffer Alfred. Pressure gauge and more particularly a barograph. Issued 12-2-41. (28)
- 2,265,048; Tsuchiya Tsurukichi. Device for inverting record disks automatically. Issued 12-2-41. (39)
- 2,265,110; Brauer Ernst. Method and apparatus for operating power motors with fuel gases of low boiling point. Issued 12-2-41. (28)
- 2,265,125; All. Officine di Villar Perosa S A. Cash register. Issued 12-9-41. (38)
- 2,265,282; All. Maschinenund Metallwaren. Regulating device. Issued 12-9-41. (28)
- 2,265,366; Hafner Raoul. Rotary wing aircraft. Issued 12-9-41. (6)
- 2,265,400; Schonfeld Paul et al; Barthel Kurt. Warp machine. Issued 12-9-41. (28)
- 2,265,481; Hartmann Otto. Heavy duty high pressure drumless boiler. Issued 12-9-41. (28)
- 2,265,622; Basler Hermann. Method and apparatus for disintegrating fibrous materials. Issued 12-9-41. (28)
- 2,265,806; Goldschmied Livio. Pump. Issued 12-9-41. (38)
- 2,265,900; Gilbert Ernst. Journaling of shafts. Issued 12-9-41. (28)
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- 2,266,112; All. Wirth Wirkmaschinenfabrik. Pattern presser. Issued 12-16-41. (28)
- 2,266,145; Del Bianco Cesare. Rail joint. Issued 12-16-41. (38)
- 2,266,182; All. Wanderer Werke A G. Calculating machine. Issued 12-16-41. (28)
- 2,266,213; Kattwinkel Hans. Brake device particularly for automobile vehicles. Issued 12-16-41. (28)
- 2,266,218; Krause Friedrich. Electron microscope vacuum system. Issued 12-16-41. (28)
- 2,266,275; All. Wanderer Werke A G. Platen for typewriters adding machines and the like. Issued 12-16-41. (28)
- 2,266,284; All. Universelle Cigarettenmaschinenfabrik. Apparatus for producing uniform. Issued 12-16-41. (28)
- 2,266,349; Wempe Bernhard. Method of producing holes in thin sheets of metal or glass. Issued 12-16-41. (28)
- 2,266,366; All. Mercedes Buromaschinen Werke A G. Electric calculating machine. Issued 12-16-41. (28)
- 2,266,453; All. Muller and Wagner. Machine for electromagnetically separating casting residues. Issued 12-16-41. (28)
- 2,266,656; All. Kamerawerk Steenberg and Co. Indicator for cameras. Issued 12-16-41. (28)
- 2,266,673; Becker Emil. Conveyor. Issued 12-16-41. (28)
- 2,266,734; All. Hutte August Thyssen A G. Ingot mold lining. Issued 12-23-41. (28)
- 2,266,735; All. Berghaus Bernhard. Glow discharge oven. Issued 12-23-41. (28)
- 2,266,777; Lieser Theodor. Polyisocyanate derivatives of polyhydroxy alcohols. Issued 12-23-41. (28)
- 2,266,784; Matteucci Raffaele. Means controlling propeller pitch and speed of propelling engine. Issued 12-23-41. (38)
- 2,267,018; All. Gutmann Alfred A G. Apparatus for cleaning castings and the like. Issued 12-23-41. (28)
- 2,267,019; All. Gossler Oscar Glasgespinst. Apparatus for the production of glass threads. Issued 12-23-41. (28)
- 2,267,240; Kummel Paul. Process for preventing the deposition of dispersed substances in dispersions. Issued 12-23-41. (28)
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- 2,267,468; All. Lorenz C A G. System for landing aircraft. Issued 12-23-41. (28)
- 2,267,488; All. Naturin Werk Becker and Co. Method and apparatus for producing sausage skins. Issued 12-23-41. (28)
- 2,267,508; Spengler Johann Peter. Hydraulic Press. Issued 12-23-41. (28)
- 2,267,518; All. Deckel Friedrich. Photographic camera and shutter construction. Issued 12-23-41. (28)
- 2,267,578; Schonfeld Paul. Production of warp fabric. Issued 12-23-41. (28)
- 2,267,625; Wolfson Samuel. Container for tooth paste. Issued 12-23-41. (38)

- 2,267,659; Magnaghi Mario. Process for the purification of zinc sulphate solutions. Issued 12-23-41. (38)
- 2,267,712; Bauer Walter. Polymerization of symmetrical dichlorethylene. Issued 12-30-41. (28)
- 2,267,769; Von Ardenne Manfred. Microscope for ultraviolet light. Issued 12-30-41. (28)
- 2,267,899; Dersen Heinrich. Cop frame. Issued 12-30-41. (28)
- 2,267,956; Steinlein Gustav et al; Bruckmoser Ludwig. Freewheel brake hub driven by a motor mounted in the driving wheel. Issued 12-30-41. (28)
- 2,267,991; Ohkouchi Shinichi. Producing harmonic tones in pianos. Issued 12-30-41. (39)
- 2,268,093; Rummel Theodor. Arrangement for preventing electric discharges from assuming the form of an arc. Issued 12-30-41. (28)
- 2,268,100; Zunckel Berthold. Continuous casting apparatus. Issued 12-30-41. (28)
- 2,268,132; Candellero Adelchi. Hub cap attachment. Issued 12-30-41. (38)
- 2,268,166; All. Mercedes Buromaschinen Werke A G. Carriage Shift Control mechanism. Issued 12-30-41. (28)
- 2,268,306; Sarti Tino. Vibration dampening device. Issued 12-30-41. (38)
- 2,268,462; Sachsenroder Gustav et al; Brossette Alois. Tube container. Issued 12-30-41. (28)
- 2,268,472; Bungereoth Karl et al; Heetkamp Heinrich. Ingot for press piercing and shaping arrangement therefor. Issued 12-30-41. (28)
- 2,268,483; Hilgenstock Paul. Oven for producing coke and gas. Issued 12-30-41. (28)
- 2,268,489; Kampfer Adolf. Method of uniting laminae to form laminated glass. Issued 12-30-41. (28)
- 2,268,602; Lichtenstern Richard. Process for preparing seed material for the improvement of bituminous substances of low qualities. Issued 1-6-42. (28)
- 2,268,606; Maxur Erwin. Release mechanism for fluid brake systems. Issued 1-6-42. (28)
- 2,268,636; Becker Emil. Means for connecting metal sheets. Issued 1-6-42. (28)
- 2,268,680; Von Linde Robert. Heat exchanger with wire heat conductors. Issued 1-6-42. (28)
- 2,268,823; All. Telefunken Ges Fur Drahtlose. Method to diminish damping of crystals. Issued 1-6-42. (28)
- 2,268,830; All. Telefunken Ges Fur Drahtlose. Discharge tube arrangement. Issued 1-6-42. (28)
- 2,268,832; All. Koepf Rudolph and Co Chemische. Process for softening artificial cellulosic materials. Issued 1-6-42. (28)
- 2,268,859; All. Telephon Apparat Fabrike. Impulse sender. Issued 1-6-42. (28)
- 2,268,917; Abelmann Rudolf. Drawer for articles of furniture. Issued 1-6-42. (28)
- 2,268,965; Schuman Artur. Method of molding reinforced building panels. Issued 1-6-42. (28)
- 2,268,975; Vorwerk Edgar. Extinguisher for cigars cigarettes and the like. Issued 1-6-42. (28)
- 2,269,215; All. Zahnradfabrik Friedrichshafen A G. Vehicle change speed gear. Issued 1-6-42. (28)
- 2,269,614; All. Zahnradfabrik Friedrichshafen A G. Sliding current collector for slip rings. Issued 1-13-42. (28)
- 2,269,617; All. Junkers Flugzeug und Motorwerke. Liquid tank or container for use in vehicles and aircraft. Issued 1-13-42. (28)
- 2,270,143; Schaich August. Separating mill. Issued 1-13-42. (28)
- 2,270,144; Scherpe Carl et al; Kohler Fritz. Device for turning welts. Issued 1-13-42. (28)
- 2,270,171; Ottaviani Nicola. Shelling almonds and similar fruits. Issued 1-13-42. (38)
- 2,270,173; Schulz, Herbert. Centrifuge for separating solids from liquids. Issued 1-13-42. (28)
- 2,270,320; Liguori Giovanni. Magnetic head for electromagnetic sound recording and reproducing apparatus. Issued 1-20-42. (38)
- 2,270,558; Riegler Friedrich. Adjustable spectacle temples. Issued 1-20-42. (28)
- 2,270,718; Weissenberg Gustav; Skaupy Franz et al. Article of vitreous quartz and process for producing and working it. Issued 1-20-42. (28)
- 2,270,794; Feldmar Bela. Automatic closure for collapsible tubes. Issued 1-20-42. (34)
- 2,270,880; Kahle Heinrich. Separation of krypton and xenon from air. Issued 1-27-42. (28)
- 2,270,996; All. Pintsch Julius K G. Arrangement and process for the production of endless sound films. Issued 1-27-42. (28)
- 2,271,006; All. Maschinenfabrik Augsburg. Gas engine. Issued 1-27-42. (28)
- 2,271,030; Palanti Mario. Building block or element. Issued 1-27-42. (38)
- 2,271,169; All. Maybach Motorenbau GmbH. Control mechanism for power operated gear shifting apparatus. Issued 1-27-42. (28)
- 2,271,218; Baudisch Friedrich. Method of decomposing maize straw for textile purposes. Issued 1-27-42. (28)
- 2,271,246; Borgward Carl Friedrich Wilhelm. Motor vehicle body. Issued 1-27-42. (28)
- 2,271,275; Ritscher Karl. Antiskid device. Issued 1-27-42. (28)
- 2,271,691; Schiumberger Ernst; Grasshof Harald et al. Paper sizing medium and process for its production. Issued 2-3-42. (28)
- 2,271,938; Eitzrodt Adalbert. Electric discharge container. Issued 2-3-42. (28)
- 2,271,995; Baroni Cesare. Electrical resistance. Issued 2-3-42. (38)
- 2,272,013; Kida Yasuzo. Method of mining. Issued 2-3-42. (39)
- 2,272,104; Zaccheo Ferdinando et al; Willson Victor. Electric rectifier. Issued 2-3-42. (38)
- 2,272,451; All. Maschinen und Metallwaren. Issued 2-10-42. (28)
- 2,272,509; Cavallo Friedrich. Variable speed friction gear power transmission device. Issued 2-10-42. (28)
- 2,272,562; Iwamae Hiromu. Process for manufacturing vegetable proteins. Issued 2-10-42. (39)
- 2,272,563; Iwamae Hiromu. Process for manufacturing vegetable proteins. Issued 2-10-42. (39)
- 2,272,570; All. Zahnradfabrik Friedrichshafen A G. Electromagnetic clutch. Issued 2-10-42. (28)
- 2,272,571; All. Maybach Motorenbau GmbH. Gear shift and clutch control apparatus. Issued 2-10-42. (28)
- 2,272,606; All. Lorenz C A G. Electron tube mounting. Issued 2-10-42. (28)
- 2,272,650; All. Freudenberg Carl GmbH. Fluid seal for direct insertion between relatively moving machine parts. Issued 2-10-42. (28)
- 2,272,662; Fischl Alfred. Process and apparatus for the production of an extremely thin film of cellulose ester or the like. Issued 2-10-42. (28)
- 2,272,685; Volk Alfred. Separator means for use in vertical filing systems. Issued 2-10-42. (28)
- 2,272,689; Falla Caravino Ezio. Safety secret lock. Issued 2-10-42. (38)
- 2,272,777; Reuter Georg. Cadmium coating. Issued 2-10-42. (28)
- 2,272,794; De Kramolin Leon Ladislav. Apparatus for producing high tension direct current. Issued 2-10-42. (28)
- 2,272,986; Weinkauff Bruno. Gyroscopic apparatus. Issued 2-10-42. (28)
- 2,272,995; Neumann Willy. Apparatus for cleaning air and other gases. Issued 2-10-42. (28)
- 2,273,121; List Heinrich. Stroboscope. Issued 2-17-42. (28)
- 2,273,135; Fianze Gunter; Ohnesorge Wilhelm et al; Gladenbeck Friedrich. Electric cable. Issued 2-17-42. (28)
- 2,273,196; All. Boehringer Sohn C H. Process for the preparation of uscharin and uscharidin. Issued 2-17-42. (28)
- 2,273,235; Von Ardenne Manfred. Ultraviolet or electronic microscope. Issued 2-17-42. (28)
- 2,273,285; Richter Georg. Narrowing device for flat knitting machines. Issued 2-17-42. (28)
- 2,273,411; Maybach Karl. Device for regulating the fuel admission of internal combustion engines. Issued 2-17-42. (28)
- 2,273,831; All. Von Giesches Georg Erben. Magnesium alloy. Issued 2-24-42. (28)
- 2,273,895; Roterberg Werner. Roller or ball bearing. Issued 2-24-42. (28)
- 2,273,916; Westerkamp Hugo. Installation for mechanically recording sound on endless tapes coated with wax. Issued 2-24-42. (28)
- 2,273,936; Ceroni Leonardo. Opaque and slide projection apparatus. Issued 2-24-42. (38)
- 2,274,570; Westerkamp Hugo. Process for producing sound films and matrix therefor. Issued 2-24-42. (28)
- 2,274,573; Ziegler Serge. Oil burner. Issued 2-24-42. (28)
- 2,274,748; Seidel Max. Method for obtaining dissolved volatile substances from solutions. Issued 3-3-42. (28)
- 2,274,863; Leuser Josef. Soldering alloy. Issued 3-3-42. (28)
- 2,274,922; Fischer Emil. Reaction vessel. Issued 3-3-42. (28)
- 2,274,958; Hautsch Hans. Machine drive & control therefor. Issued 3-3-42. (28)
- 2,275,085; Michel Karl et al; Hutzenjaub Eugen. Gasket material. Issued 3-3-42. (28)
- 2,275,341; Brabender Carl Willy. Means for testing dough. Issued 3-3-42. (28)
- 2,275,344; All. Metrawatt A G. Fabrik Elektrischer. Measuring instrument particularly an exposure meter. Issued 3-3-42. (28)
- 2,275,672; Pietro Bruni; Bruni Carina Bergamini et al. Apparatus for dry disinfection of razors surgical instruments and the like. Issued 3-10-42. (38)
- 2,275,804; All. Deutsche Niles Werke A G. Schaft. Apparatus for grinding gear teeth. Issued 3-10-42. (28)
- 2,275,863; Rauch Curt. Photo viewer and projector. Issued 3-10-42. (28)
- 2,275,912; Lehmann Karl. System of working bedlike deposits particularly thick beds of lignite and mineral coal. Issued 3-10-42. (28)
- 2,276,009; Baldwin Philip Sidney. Hydraulic brake master cylinder. Issued 3-10-42. (38)
- 2,276,206; Klaue Hermann. Automatically acting adjusting device for friction brakes. Issued 3-10-42. (28)
- 2,276,408; Marcora Giovanni. Yarn tension device for shuttles. Issued 3-17-42. (38)
- 2,276,417; All. Vereinigte Gluhlampen Un. Electric amplifier circuits. Issued 3-17-42. (34)
- 2,276,583; Laubmeyer Gunther. Electric heating element. Issued 3-17-42. (28)
- 2,276,608; Bugge Gunther. Production of woven fabrics. Issued 3-17-42. (28)
- 2,276,662; Matuschke Walter. Inking mechanism for printing machines. Issued 3-17-42. (28)
- 2,276,695; Lavarello Ernesto. Steam turbine. Issued 3-17-42. (38)



- 2,276,702; Riparbelli Carlo et al; De Martino Nicola. Transmission mechanism with automatically variable ratio. Issued 3-17-42. (38)
- 2,276,794; Ricci Francesco. Fuel feed control for internal combustion engines. Issued 3-17-42. (38)
- 2,277,100; Hartmann Otto. High pressure steam generator. Issued 3-24-42. (28)
- 2,277,119; All. Szekely Istvan Tivadar. Manually operated weaving apparatus. Issued 3-24-42. (34)
- 2,277,249; Nebel Max. Production of single tops for stockings. Issued 3-24-42. (28)
- 2,277,277; Tombolini Alfredo. Typewriter. Issued 3-24-42. (38)
- 2,277,456; All. Weser Flugzeugbau GmbH. Aircraft wing construction. Issued 3-24-42. (28)
- 2,277,465; Thoma Hans. Hydraulic device. Issued 3-24-42. (28)
- 2,277,467; All. Krucken Peter. Aiming or shooting device. Issued 3-24-42. (28)
- 2,278,338; Tonnies Hans Ferdinand. Photoelectric apparatus for cameras. Issued 3-31-42. (28)
- 2,278,396; aur Karl. Servomotor control. Issued 3-31-42. (28)
- 2,278,438; Gerstenberger Albin. Weapon having multiple load magazine. Issued 4-7-42. (28)
- 2,278,487; Rakos Alexander. Electrical welding. Issued 4-7-42. (6)
- 2,278,536; All. Telephon Apparat Fabrik E. Telephone pay station. Issued 4-7-42. (28)
- 2,278,630; All. Vereinigte Gluhlampen und. Electron valve. Issued 4-7-42. (34)
- 2,278,847; Donati Renato; Greguoli Lazzaro Alfredo et al. Process for the solidification of a liquid fuel allowing the total regeneration of the same from the solid combustible. Issued 4-7-42. (38)
- 2,278,943; Oesterreich Carl Ernst Wily. Process for the production of rubberlike binding agent for fiber substances. Issued 4-7-42. (28)
- 2,279,374; All. Lublinski Hugo. Washing installation. Issued 4-14-42. (28)
- 2,279,546; Ziegler Serge. Igniting means for fuel air burners. Issued 4-14-42. (28)
- 2,279,723; Tonnies Hans Ferdinand. Photoelectric exposure determining apparatus. Issued 4-14-42. (28)
- 2,279,924; Marowsky Max. Preheater for lighting and heating apparatus. Issued 4-14-42. (28)
- 2,280,344; Nebel Bruno Max. Latch needle for circular knitting machines. Issued 4-21-42. (28)
- 2,280,454; All. Lorenz C A G. Electric discharge vessel. Issued 4-21-42. (28)
- 2,280,487; Heylandt Christian Wilhelm Paul. Compound expansion internal combustion engine. Issued 4-21-42. (28)
- 2,280,576; Gluck Istavan. Means for changing the expression of the face. Issued 4-21-42. (34)
- 2,280,594; All. Morini & Rossi Di Morini Amadori. Adjustable wrench for nuts. Issued 4-21-42. (38)
- 2,280,654; All. Junkers Flugzeug und Motorwerke. Control of adjustable screw propellers. Issued 4-21-42. (28)
- 2,280,883; Bach John. Production of rubber threads. Issued 4-28-42. (34)
- 2,281,185; Forster Friedrich. Building element. Issued 4-28-42. (28)
- 2,281,274; Wilckens Ernst; Pupp Wolfgang; Dallenbach Walter et al. Ultra short wave radiator. Issued 4-28-42. (28)
- 2,281,296; Rodiger Werner. Envelope. Issued 4-28-42. (28)

- 2,281,875; Gleissner Paul. Power transmitting mechanism. Issued 5-5-42. (28)
- 2,282,346; Stark Stephan. Apparatus for charging acetylene cylinders. Issued 5-12-42. (28)
- 2,282,466; Etkorn Rudolf. Fibrous material. Issued 5-12-42. (28)
- 2,283,054; All. Lorenz C A G. Directional transmitter. Issued 5-12-42. (28)
- 2,283,111; Walther August. Shoe cementing press with controlled press points. Issued 5-12-42. (38)
- 2,283,285; Pohlman Reimar. Massage. Issued 5-19-42. (28)
- 2,283,319; Dienst Karl. Vertical grain drier. Issued 5-19-42. (28)
- 2,283,419; Dersen Heinrich. Thread guide for thread winding machines. Issued 5-19-42. (28)
- 2,283,456; All. Noble & Thorl GmbH. Process for separating unsaponifiable substances from their mixtures or compounds with saponifiable substances. Issued 5-19-42. (28)
- 2,283,476; All. Vereinigte Deutsche Metallwerke A G. Electrically operated retractable and extensible telescopic strut. Issued 5-19-42. (28)
- 2,283,947; Praemassing Adolf. Device for the production of metal band joints. Issued 5-26-42. (28)
- 2,284,028; Ubbelohde Leo. Dry spinning process. Issued 5-26-42. (28)
- 2,284,386; Frick Henry G. Envelope. Issued 5-26-42. (38)
- 2,284,587; All. Junkers Flugzeug und. Regulation of blowers. Issued 5-26-42. (28)
- 2,284,593; Seidel Max. Process for decolorizing solutions. Issued 5-26-42. (28)
- 2,284,655; All. Lorenz C A G. Electric discharge tube. Issued 6-2-42. (28)
- 2,284,662; Kahle Heinrich. Process for the production of krypton and xenon. Issued 6-2-42. (28)
- 2,284,683; All. Lorenz C A G. Remote control system. Issued 6-2-42. (28)
- 2,284,687; Schimanek Emil. Means for controlling the charge of internal combustion motors. Issued 6-2-42. (34)
- 2,284,689; All. Lorenz C A G. Modulation system. Issued 6-2-42. (28)
- 2,284,706; All. Lorenz C A G. Arrangement for the transmission of intelligence. Issued 6-2-42. (28)
- 2,285,043; All. Lorenz C A G. Television receiver. Issued 6-2-42. (28)
- 2,285,079; All. Lorenz C A G. Electromagnetic sound reproducing device. Issued 6-2-42. (28)
- 2,285,081; All. Lorenz C A G. Direction finding receiver. Issued 6-2-42. (28)
- 2,285,088; All. Lorenz C A G. Electric impulse generator. Issued 6-2-42. (28)
- 2,285,091; All. Lorenz C A G. Goniometer. Issued 6-2-42. (28)
- 2,285,092; All. Lorenz C A G. Goniometer. Issued 6-2-42. (28)
- 2,285,240; All. Schubert & Salzer Maschinenfabrik. Device for changing the stroke of slurs. Issued 6-2-42. (28)
- 2,285,296; All. Deutsche Hollerith Maschinen. Analyzing device for statistical machines. Issued 6-2-42. (28)
- 2,285,797; Bellefontaine August et al; Sieberg Albert; Bernard Hanns. Resinous materials windshield cleaner. Issued 6-9-42. (28)
- 2,287,486; Reichelt Hellmuth et al; Zirngibl Hans. Process for removing silicic acid from water. Issued 6-23-42. (28)

[F. R. Doc. 42-13843; Filed, December 23, 1942; 3:12 p. m.]

OFFICE OF PRICE ADMINISTRATION.

[Order 142 Under MPR 120]

KRAY COAL COMPANY, INC.

ORDER GRANTING ADJUSTMENT

Order No. 142 under Maximum Price Regulation No. 120—Bituminous Coal Delivered From Mine or Preparation Plant—Docket No. 1120-88-P. Granting adjustment and denying protest insofar as relief is not granted.

For the reasons set forth in an opinion issued simultaneously herewith and pursuant to the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, and in accordance with § 1340.207 (b) of Maximum Price Regulation No. 120; *It is hereby ordered:*

(a) *Granting adjustment.* (1) Coals in Size Groups 6, 7, 8 and 9, produced by the Kray Coal Company, Inc., Crellin, Maryland, at its Pete Greaser and Ream No. 9 Mines (Mine Index Nos. 637 and 1300, respectively), in District No. 3 may be sold and purchased, for shipment by rail, at prices not in excess of the following respective prices per net ton, f. o. b. the mine:

Size group	6	7	8	9
Maximum price	\$2.35	\$2.25	\$2.25	\$2.10

(2) Within thirty (30) days from the effective date of this Order, the said Kray Coal Company shall notify all persons purchasing its coals of the adjustments granted by paragraph (a) of this Order, and shall include a statement that if the purchaser is subject to Maximum Price Regulation No. 122 in the resale of coal the adjustments granted in this Order do not authorize any increase in the purchaser's resale price except in accordance with and subject to the conditions stated in Maximum Price Regulation No. 122.

(b) *Denial of protest except insofar as relief is granted by this Order No. 142.* The protest filed by Kray Coal Company, Inc., against the provisions of Maximum Price Regulation No. 120 and assigned Docket No. 1120-88-P is hereby denied except insofar as relief is granted in paragraph (a) of this Order No. 142.

(c) This Order No. 142 may be revoked or amended by the Price Administrator at any time;

(d) Unless the context otherwise requires, the definitions set forth in § 1340.208 of Maximum Price Regulation No. 120 shall apply to the terms used herein;

(e) This Order No. 142 shall become effective January 16, 1943.

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-735; Filed, January 15, 1943; 10:32 a. m.]

[Order 143 Under MPR 120]

**McNITT COAL CO. AND SHAW BIG VEIN  
COAL CO.**

**ORDER GRANTING ADJUSTMENT**

Order No. 143 under Maximum Price Regulation No. 120—Bituminous Coal Delivered From Mine or Preparation Plant—Docket Nos. 1120-100-P and 3120-228.

For the reasons set forth in an opinion issued simultaneously herewith, and pursuant to the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, and in accordance with § 1340.207 (b) of Maximum Price Regulation No. 120, *It is hereby ordered:*

(a) Coals produced by McNitt Coal Company, Frostburg, Maryland, at its Hamill Mine, Mine Index No. 193, District No. 1, may be sold and purchased for shipment by rail, by truck or wagon, and for all uses except smithing coal use at prices not to exceed \$2.85 per net ton in Size Group 3, f. o. b. the mine.

(b) Coals produced by Shaw Big Vein Coal Company, Frostburg, Maryland, at its Shaw Big Vein No. 1 and No. 2 Mines, Mine Index Nos. 463 and 464, respectively, District No. 1, may be sold and purchased for shipment by rail in Size Group 3 at prices not to exceed \$2.70 per net ton f. o. b. the mine, for all uses except smithing coal use, in the case of Redstone Seam coals, and for railroad fuel use in the case of Big Vein Seam coals.

(c) Within thirty (30) days from the effective date of this order, each of the petitioners, McNitt Coal Company and Shaw Big Vein Coal Company, shall notify all persons purchasing its coals of

the adjustment granted by this order and shall include a statement that if the purchaser is subject to Maximum Price Regulation No. 122 in the resale of coal, the adjustments granted by this order do not authorize any increase in the purchaser's resale price except in accordance with and subject to the conditions stated in Maximum Price Regulation No. 122.

(d) This Order No. 143 may be revoked or amended by the Administrator at any time.

(e) This Order No. 143 shall become effective January 16, 1943.

Issued this 15th day of January 1943.

LEON HENDERSON,  
Administrator.

[F. R. Doc. 43-736; Filed, January 15, 1943;  
10:29 a. m.]

**SECURITIES AND EXCHANGE COM-  
MISSION.**

[File Nos. 812-302, 812-303, 812-304]

PROVIDENTIA, LTD., ET AL.

**NOTICE OF AND ORDER FOR HEARING; AND  
ORDER CONSOLIDATING PROCEEDINGS**

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa. on the 12th day of January, A. D., 1943.

In the matter of Providentia, Ltd., The Nineteen Corporation and Instoria, Inc.

Applications having been filed by Providentia, Ltd., The Nineteen Corporation and Instoria, Inc., under and pursuant to section 6 (c) of the Investment Company Act of 1940, for orders granting an extension of exemptions from all the provisions of the Investment Company Act heretofore granted to applicants for

one year by order of the Commission dated February 2, 1942; or, in the alternative, for orders making said exemptions permanent;

It appearing to the Commission that said applications are related and present questions of law and fact common to each of said applications;

*It is ordered,* That the proceedings on the three applications be and the same hereby are consolidated;

*It is further ordered,* That a hearing on the consolidated matter under and pursuant to the applicable provisions of said Act and the rules of the Commission adopted thereunder be held on January 23, 1943 at 10:00 o'clock in the forenoon of that day in Room 318 in the Securities and Exchange Commission Building, 18th and Locust Streets, Philadelphia, Pennsylvania;

*It is further ordered,* That Charles S. Lobingier, Esq., or any other officer or officers of the Commission designated by it for that purpose shall preside at the hearing on this matter. The officer so designated to preside at this hearing is hereby authorized to exercise all the powers granted to the Commission under sections 41 and 42 (b) of the Investment Company Act of 1940 and to trial examiners under the Commission's Rules of Practice.

Notice of such hearing is hereby given to the above named applicants and to any other person or persons concerned or to any person or persons whose participation in such proceedings may be in the public interest or for the protection of investors.

By the Commission.

[SEAL]

ORVAL L. DuBois,  
Secretary.

[F. R. Doc. 43-707; Filed, January 14, 1943;  
2:40 p. m.]



