

**UNIFIED LIST
of
UNITED STATES COMPANIES
with Investments or Loans in
SOUTH AFRICA and NAMIBIA**

Compiled from
Existing Source Lists
by

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UNIFIED LIST

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Please read the sections KEY TO THE UNIFIED LIST
and NOTES AND ABBREVIATIONS before using the
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INTRODUCTION

This unified list on U.S. corporate involvement in South Africa and Namibia has been compiled to meet the needs of the divestment movement. Accurate information about U.S. corporate economic involvement is essential to divestment action.

Over the past few years, a number of lists of U.S. corporations with investments in or loans to South Africa or Namibia have been compiled. This work has been done by research organizations, business reference services, U.S. government agencies, and activist groups.

The Unified List is a compilation of existing sources to create a master list of American firms with investments in or loans to South Africa or Namibia. All major existing lists were used in the compilation, including those from the U.S. Consulate General in Johannesburg (South Africa), Investor Responsibility Research Center (IRRC), U.N. Centre on Transnational Corporations, U.N. Centre Against Apartheid, and Corporate Data Exchange. Also used were lists from numerous other sources, as well as new information encountered in the press.

Use of the List

Here is what the Unified List provides:

- * It covers involvement in both South Africa and Namibia.
- * It includes both investors and loan-givers.
- * It traces the South African/Namibian involvement to the final parent corporation. The parent company is the one whose stock or bonds an investor can own (or divest), and the one that makes the decision about what countries to invest in.
- * It profiles the parent corporation, telling what it does, where it is headquartered, where it ranks against other companies, and who its major stockholders are.
- * It displays linkages: it traces each parent company's subsidiaries and affiliates linking it to its southern Africa-related business.
- * It tells what each parent company's South African or Namibian operations do and (where information was available) how big those operations are--that is, how many employees the operations have and the amount of the assets, sales, or loan participation.
- * It notes the source lists from which information about a particular corporation was taken. (Not all sources that list a company are shown, since some source lists duplicated earlier information). See "Numbered Sources", p.94, for the source lists.

The connections that corporations and banks have with southern Africa are constantly in flux. Thus this list should be used as a starting point for further investigation. Before taking final divestment action users of the Unified List should seek confirmation from the companies themselves, especially where an investment portfolio held in trust is concerned.

Types of Involvement in Apartheid

There are five general categories of economic involvement in South Africa and Namibia: (1) direct investment such as ownership of a firm involved in manufacturing, sales, or service operations; (2) loans to South African entities (indirect investments), such as to the government, parastatal or private companies, or banks, or to U.S. companies to fund exports to South Africa or Namibia (these act essentially as loans to Southern African buyers); (3) licensing agreements and franchises, whereby an American licensor sells a South African or Namibian licensee or franchisee the knowledge and/or rights to make or sell a product or service; (4) sales, including marketing or sales representatives, or local distributors, not owned by the U.S. corporations whose products they distribute; and (5) news-gathering operations in South Africa or Namibia. The focus of the divestment movement has been on the first two categories.

Bank Loans, Underwriting, and Loan Policies

A bank may be involved in loans in two ways. First, it can pay money to a borrower, to be repaid by the borrower. Second, it can underwrite a bond issue; in this process, the underwriter acts as a middleman, taking (usually buying) the bonds from the issuing company in order to resell them to investors. An underwriter may also decide to retain some of the bonds. Commercial banks may either loan directly or underwrite, while investment banks and securities brokers are usually underwriters only.

In both types of loan involvement, a bank may later sell all or some of a loan (or retained bonds) to other banks or lenders, before the loan or bond issue has matured (i.e., been fully repaid). Hence a bank that originally made or underwrote a loan may sometimes no longer be "involved" in that loan or bond issue.

The crucial factor is the bank's willingness to be involved when a loan is first made. Our entry for each bank includes a code indicating what the bank's policies are on loans to South Africa or Namibia. (See the "Notes and Abbreviations" section to find the code for each policy category).

In both types of loan involvement--but especially in underwriting--a commercial or investment bank will usually be joined by other banks, in a syndicate or consortium. The larger the loan, the greater likelihood that other banks will be participants.

For each commercial and investment bank in the list, loan data represent the value of loans in which that bank PARTICIPATED - NOT the amount that that individual bank has loaned. Thus Citicorp has not itself loaned \$2.6 billion to South Africa, but rather has shared (or participated) in loans totalling that amount. Where data are available on an individual bank's own loans, we give figures for both loans participated in and the bank's own loans.

News Organizations

Mass media corporations operating in South Africa or Namibia for news gathering alone are not considered to be investing in those countries and are not regarded as appropriate targets for divestment. Some, however, also have non-news gathering operations and these are included in the list.

TOP 200 U.S. COMPANIES IN SOUTH AFRICA & NAMIBIA
RANKED BY NUMBER OF EMPLOYEES

(NOTES: * = Company claims no equity ownership.
= Co. data prorated by ownership percentage.
() = Subsidiary/Affiliate.)

Rank	Company	SA/Namibia Employees	Rank	Company	SA/Namibia Employees
1	Newmont Mining #	9,850+	61	Ingersoll-Rand	477
2	Ford Motor	6,673	62	Arthur Young & Co. *	475
3	U. S. Steel #	5,688+	63	VF Corp. #	470
4	General Motors	4,949	64	Marriott Corp.	460
5	Coca Cola	4,765+	65	Columbus McKinnon Corp.	438
6	Mobil Corp.	3,342+	66	Revlon Inc.	437
7	U. S. Gypsum (Masonite)	2,631+	67	Sterling Drug Inc.	401
8	Goodyear Tire & Rubber	2,510	68	Ernst & Whinney Intl. *	400
9	Allgheny International	1,922+	68	Ted Bates Worldwide	400
10	General Electric #	1,892+	70	Eaton Corp.	388
11	R. J. Reynolds Industries	1,807	71	Readers Digest Assoc.	380
12	IBM	1,793	72	AM International	370
13	Johnson & Johnson	1,663+	73	Baxter Travenol Laboratories #	354
14	Minnesota Mining & Manufacturing	1,590	74	Harmon Group	350+
15	Union Carbide #	1,457+	75	Fruehauf Corp. #	350
16	Norton Co.	1,342+	76	Marsh & McLennan Cos. #	347
17	United Technologies	1,253+	77	Bristol-Myers	346
18	Culgate-Palmolive	1,234+	78	BDDO International	340
19	Emhart Corp.	1,159	79	Merck & Co.	338+
20	Owens-Illinois Fiberglas #	1,100+	80	Borden	338
21	Chevron Corp. #	1,076+	81	Kellogg Co.	333
21	Texaco #	1,076+	82	Heinemann Electric #	330
23	Nestle [Switz.] (Carnation)	1,046	83	Echlin Inc.	320
24	Nabisco Brands	983+	83	Hoover Co.	320
25	Dun & Bradstreet (Nielsen)	963	85	Control Data Corp.	313+
26	Borg-Warner	958	86	Air Products & Chemicals	313
27	CPC International	934	87	Young & Rubicam	303
28	ITT #	913+	88	Oak Industries	299
29	Joy Manufacturing	907	89	Gillette	296
30	Phelps-Dodge Corp. #	833+	90	Alexander & Alexander Services	291
31	American Cyanamid #	777	91	Schering-Plough	285
32	Xerox	770	92	Foster Wheeler Corp.	281
33	Dresser Industries	767+	93	Precision Valve Corp.	280
34	Tenneco	736+	94	Richardson-Vicks	278+
35	Baker International	706	95	MCA Inc.	270
36	Kimberly-Clark #	704	96	Pfizer	267
37	British Petrol.[UK] (Sohio,Kennecott) #	649	97	SmithKline Beckman Corp.	267
38	Firestone Tire & Rubber #	615	98	Interpublic Group of Cos.	260+
39	Pricewaterhouse & Co. *	600	99	Associated Metals & Minerals Corp.	260
40	H. H. Robertson Co.	585	100	Beatrice Cos.	255+
41	NCR Corp.	584	101	Timken Co.	251
41	Swiss Aluminum [Switz.] (Maremont)	584	102	Arthur Andersen & Co. *	250
43	Chesebrough-Pond's	567+	102	J. Gerber & Co. *	250
44	Eastman Kodak	567	102	Motorola	250
45	Burroughs	563	105	Hewlett-Packard Co.	247
46	PepsiCo	556	106	Eli Lilly & Co.	240
47	Sperry Corp.	529	107	Citicorp #	237
48	International Harvester #	526+	108	International Minerals & Chemical	234
49	Crown Cork & Seal	525	109	Henkel [WG] (Anchem)	231
50	Warner-Lambert Co.	515+	110	American Brands	211+
51	Exxon Corp.	509	111	Olin Corp. #	210
51	Sentry Insurance	509	112	Ferro Corp.	209
53	GenCorp Inc. (General Tire) #*	504	113	Upjohn Co.	208
54	American Home Products	503	114	Allied Corp.	200+
55	CBI Industries	500	114	Dart & Kraft Inc.	200+
55	Rheem Manufacturing	500	114	Dow Chemical #	200+
57	Mine Safety Appliances	496	117	Surveillance Hldg.[Switz] (SGS Control)	200
58	National Education Corp.	495	118	Nalco Chemical	199
59	Deere & Co.	490	119	Honeywell	192
59	Rexnord Inc.	490	120	Grey Advertising	190

121	Squibb	189	162	Allis-Chalmers Corp.	90
122	ACCO World Corp.	185	162	Sandoz [Switz.] (Master Builders)	90
123	Fluor Corp.	182+	164	IMS International	87
124	Phillips Petroleum	178	165	FMC Corp.	81+
125	Bandag Inc.	173	166	Libbey-Owens-Ford	80+
126	Harnischfeger Corp.	170	167	Caterpillar Tractor	76
127	S. C. Johnson & Son	168	160	Gates Corp.	74
128	Warner Communications	166	169	Engelhard Corp.	72
129	American International Group	160	170	GTE Corp.	70+
129	Dominion Textile [Can.] (DHD)	160	170	Wilbur-Ellis Co.	70+
131	Cooper Industries	153	172	Grolier Inc.	70
132	Tidwell Industries	150	172	G. D. Searle & Co.	70
133	National-Standard Co.	149	172	Unilever [UK] (Natl. Starch & Chemical)	70
134	Donaldson Co.	147	175	Black & Decker	63
135	W. R. Grace & Co.	143	176	Ogilvy & Mather International #	62+
136	Abbott Laboratories	141	177	American Standard (Trane)	62
137	Chicago Pneumatic Tool	138	178	Harper Group	60
138	Broken Hill Pty. [Aust.] (Utah Intl.)	135	179	Parker Hannifin Corp.	59
139	Scovill Inc.	130	180	Phibro-Salomon Inc.	57+
140	Monsanto	125			
141	Bell & Howell	122	181	Amdahl Corp.	56
142	Johnson Controls	121+	182	Solvay [Belg.] (Salsbury Labs)	55
143	Union Camp	119	183	Tokheim Corp.	54
144	CI&NA Corp.	113+	184	Midland-Ross Corp.	53
145	Federal-Mogul Corp.	112+	185	Tambrands Inc.	52
146	Computer Sciences Corp. #	110	186	Albi International	50
147	Ashland Oil	108	186	Canadian Pacific [Can.] (Koehring)	50
148	Amsted Industries	105	186	Celanese Corp.	50
149	Rohm & Haas	104	189	CBS	46
150	UAL Inc. #	103	190	Air Express International	45
151	Parker Pen	102+	191	Butterick Co.	44
152	Preformed Line Products	102	191	Franklin Electric	44
153	O'Arcy-McManus & Masius	101	193	McGraw-Hill	43
154	Bundy Corp. #	100	194	General Signal (Leeds & Northrup)	42+
154	Estee Lauder Inc.	100	195	Lubrizon Corp.	42
154	Houdaille Industries	100	196	Balkinds Agencies [SA]	40
154	Robbins Co.	100	196	Carman Industries	40
154	Singer Co.	100	196	Hanson Trust [UK] (U.S. Industries)	40
159	Armco	96+	196	National Utility Service Inc.	40
160	Champion Spark Plug	92	196	C. J. Petrow & Co. [SA]	40
160	Mohawk Data Sciences	92	196	Redland [UK] (Gang-Nail Systems)	40

SOURCES: Data as of June 1985. Main data sources are IRRC, Foreign Investment in South Africa (1984); U.S. Consulate General (Johannesburg) list of U.S. firms (1982); and Dun & Bradstreet, Principal International Businesses 1983.

TOP U.S. COMPANIES IN SOUTH AFRICA & NAMIBIA
RANKED BY DIRECT INVESTMENT (ASSETS)

(NOTES: # = Co. data prorated by ownership percentage.
LT = Less Than. GT = Greater Than. JV = Joint Venture.
() = Subsidiary/Affiliate.)

Rank	Company	SA/Namibia Assets (millions)	Rank	Company	SA/Namibia Assets (millions)
1	Mobil Corp.	\$400.0	60	Cooper Industries	\$12.0
-	Caltex (JV of Chevron & Texaco)	\$334.0	60	SmithKline Beckman Corp.	\$12.0
2	Ford Motor	\$230.0	62	Hewlett-Packard Co.	\$11.8
3	Chevron Corp. #	GT \$167.0	63	Owens-Illinois Fiberglas #	\$11.0
3	Texaco #	GT \$167.0	64	Allis-Chalmers	LT \$11.0
5	Burroughs	GT \$150.0 (1)	65	ITT	GT \$10.0
6	British Petrol.[UK] (Sohio,Kennecott) #	\$144.9	66	Eaton Corp.	\$10.0
7	General Motors	\$140.0	66	Exxon Corp.	\$10.0
8	General Electric	GT \$120.0	66	Rohm & Haas	\$10.0
9	U. S. Steel #	\$106.0	66	Swiss Aluminum [Switz.] (Maremont)	\$10.0
10	Goodyear Tire & Rubber	\$97.0	70	Schering-Plough	\$9.5
11	IBM	\$88.6	71	Fluor Corp.	GT \$9.0
12	Newmont Mining	\$86.0	72	American Cyanamid	\$9.0
13	Coca Cola	GT \$60.0	73	Citicorp #	\$7.0 (2)
14	Deere & Co.	LT \$58.0	74	Abbott Laboratories	LT \$6.5
15	Union Carbide #	\$54.5	75	Nabisco Brands	GT \$5.5
16	CPC International	LT \$50.0	76	Calanese Corp.	\$5.5
17	Dresser Industries	GT \$45.0	77	Baxter Travenol Laboratories #	\$5.2
18	Control Data Corp.	GT \$44.0	77	Chicago Pneumatic Tool	\$5.2
19	International Harvester	\$43.0	79	American Standard (Trana)	GT \$5.0
20	Johnson & Johnson	\$42.0	80	Arnco	\$5.0
20	Xerox	\$42.0	80	W. R. Grace & Co.	\$5.0
22	NCR Corp.	LT \$40.0	82	Dun & Bradstreet (Nielsen)	GT \$4.7
23	Phelps-Dodge Corp. #	\$37.0	83	Sybron Corp.	LT \$4.7
24	Sperry Corp.	\$33.0	84	Kimberly-Clark #	\$4.3
25	Dow Chemical #	\$32.0	84	Motorola	\$4.3
26	Ingersoll-Rand	\$31.0	86	Oak Industries	\$3.9
27	CIGNA Corp.	GT \$29.0	87	Gillette	\$3.3
28	Borg-Warner Corp.	\$29.0	88	Champion Spark Plug	LT \$3.1
29	Baker International	GT \$28.2	88	Scovill Inc.	LT \$3.1
30	FMC Corp.	LT \$28.0	90	Kidde & Co. #	\$3.0
31	Joy Manufacturing	\$27.5	90	Peabody International #	\$3.0
32	Minnesota Mining & Manufacturing	\$26.0	92	Parker Pen	LT \$3.0
33	Norton Co.	\$26.0	92	Tidwell Industries	LT \$3.0
34	Revlon Inc.	LT \$26.0	94	Grolier Inc.	\$2.8
35	Honeywell	LT \$25.0	95	Beatrice Cos.	GT \$2.4
36	American Home Products	\$24.0	96	Parker Hannifin Corp.	LT \$2.4
37	Merck & Co.	\$23.0	97	Franklin Electric	\$2.3
38	Caterpillar Tractor	\$22.0	98	Ashland Oil	\$2.1
39	United Technologies	\$21.0	99	Loctite Corp.	LT \$2.1
40	Rexnord Inc.	\$20.1	100	Eli Lilly & Co.	\$2.0
41	American International Group	\$20.0	100	Monsanto	\$2.0
42	Warner-Lambert Co.	GT \$19.3	102	D'Arcy-McManus & Masius	\$1.8
43	Colgate-Palmolive	GT \$18.3	103	Fruehauf Corp. #	LT \$1.8
44	Alexander & Alexander Services	\$18.0	104	John Fluke Manufacturing	\$1.7
45	Warner Communications	LT \$18.0	105	Engelhard Corp.	\$1.5
46	R. J. Reynolds Industries	GT \$17.3	105	Wilbur-Ellis Co.	\$1.5
47	Air Products & Chemicals	\$17.0	107	American Hospital Supply	\$1.3
48	Sentry Insurance	\$17.0	107	Stanley Works	\$1.3
49	Chesebrough-Pond's	GT \$16.3	109	Fuqua Industries (Simplicity Pattern)	\$1.1
50	Dart & Kraft Inc.	\$16.0	109	Koppers Co.	\$1.1
50	Interpublic Group of Cos.	\$16.0	111	Johnson Controls	\$.9
50	U. S. Gypsum (Masonite)	\$16.0	112	Marrriott Corp.	LT \$.6
53	PepsiCo	\$15.0	113	Fuji Bank [Japan] (Heller Overseas)	GT \$.5
54	Bristol-Myers	\$14.2	114	CBS	\$.5
55	Lubrizol Corp.	\$14.0	115	A. H. Robins Co.	\$.4
55	Phillips Petroleum	\$14.0	116	Flow General Inc.	\$.3
57	Borden	LT \$14.0	117	Aries Resources Corp.	\$.1
58	Pfizer	\$13.0	117	Diamond Shamrock Corp.	\$.1
59	Firestone Tire & Rubber #	GT \$12.5	117	Dana Corp.	\$.1
			120	American Express	\$.08

Notes: (1) Imputed market capitalization if Burroughs' SA subsidiary were traded on stock exchange.
(2) Amount of Citicorp's SA subsidiary's net capital.

SOURCES: Based on available data as of June 1985. Assets data are incomplete and rankings should be considered provisional only. Main source is IRRC, Foreign Investment in South Africa (1984).

U.S. BANKS PARTICIPATING IN LOANS AND UNDERWRITINGS TO SOUTH AFRICA -
 RANKED BY OUTSTANDING LOANS/UNDERWRITINGS PARTICIPATED IN (As of 1984)
 1972 - May 1984 (with LOAN POLICY Codes)

(NOTES: "Outstanding" loans are loans not yet fully repaid.
 GT = Greater Than.
 () = Loan/underwriting policy code, key below, or subsidiary/affiliate.)

Rank	Bank	Outstanding Loans (millions)	Rank	Bank	Outstanding Loans (millions)
1	Citicorp (G)	\$1,594.7	31	Irving Bank Corp. (G)	\$78.5
2	First Boston Inc.	\$956.4	32	Bank of Boston (First Natl Bk/Boston) (N)	\$50.0 (5)
3	Kidder, Peabody & Co.	\$938.8	32	Bankers Trust New York Corp. (G)	\$50.0
4	Goldman, Sachs & Co.	\$784.5	32	Dow Chemical Co.	\$50.0
5	Manufacturers Hanover Corp. (G)	\$736.4	32	Fidelcor (N)	\$50.0 (6)
6	Merrill Lynch & Co. (G)	\$704.7	32	First Chicago Corp. (G)	\$50.0 (6)
7	Morgan Stanley & Co.	\$635.3	32	First Washington Securities Corp.	\$50.0
8	Smith Barney Inc.	\$632.2	32	E. F. Hutton Group	\$50.0
9	Prudential Insurance (Bache)	\$620.4	32	Rothschild Inc.	\$50.0
10	American Express (G) (Shearson Lehman)	\$546.3	40	PNC Financial (G+) (Provident National)	\$38.9 (7)
11	J. P. Morgan & Co. (G)	\$541.7	41	European American Bancorp.	\$25.0
12	Arnhold & S. Bleichroder Co.	\$454.7	42	Midland Bank [UK] (Crocker National [Cb])	\$16.0
13	PaineWebber Group Inc.	\$427.1	43	First Wisconsin Corp. (G+)	\$4.7
14	Chase Manhattan (G+) (Lincoln First)	\$397.3 (1)	44	Centran Corp. *	\$4.6
15	Dillon, Read & Co.	\$371.6	45	Society Corp. *	\$2.4
16	Drexel Burnham Lambert Inc.	\$354.1	46	National City Corp. (N)	\$2.2 (6)
17	Aetna Life & Casualty (Montagu [UK])	\$248.1	-	Texas Commerce Bankshares (Cb)	\$0.0 (8)
18	Phibro-Salomon Inc. (Salomon Bros. [G])	\$229.1	-	Maryland National Corp. (G+)	\$0.0 (9)
19	Chemical New York Corp. (G)	\$192.0	-	Bank of New York Co. (N,E)	\$0.0 (10)
20	Sears Roebuck (Dean Witter Reynolds) (G)	\$182.2	-	United Banks of Colorado Inc.	\$0.0 (11)
21	Bear, Stearns & Co.	\$180.6	-	Bank of Montreal [Can] (Harris Bank [G+])	\$0.0 (12)
22	Private Export Funding Co. (PEFCO)	\$175.8	-	First Bank System (G+) (Banks of Iowa)	\$0.0 (12)
23	Continental Illinois Corp. (Cb)	\$170.2 (2)	-	First Interstate Bancorp. (E)	\$0.0 (12)
24	Dresdner Bank [WG] (ABD Securities)	\$164.0	-	Fleet Financial Group (G+)	\$0.0 (12)
25	Lazard Freres & Co.	\$162.7	-	Northern Trust Corp.	\$0.0 (12)
26	New York Hanseatic Corp.	\$148.0	-	Norwest Corp. (NW Natl Bk/Minneapolis) (G+)	\$0.0 (12)
27	CoreStates Financial (N) (Phila. Natl)	\$120.5 (3)	-	Peoples Bancorp.	\$0.0 (12)
28	NCNB Corp. (G)	GT \$100.0 (4)	-	Security Pacific Corp. (G+)	\$0.0 (12)
29	InterFirst Corp.	\$100.0 (6)			
30	BankAmerica (G+) (Seafirst [N])	\$84.4			

SOURCES: These rankings are based on the outstanding amounts of those loans and underwritings in which the banks PARTICIPATED during 1972-May 1984, where data on such loans were publicly available. It is probable that banks have participated in more loans to SA borrowers than have been made public. These rankings are NOT based on a bank's own share of these loans (which is usually not known), NOR are they based on the known amount of a bank's own loans to SA borrowers (on which data are very sparse). SOURCES on loan/underwriting PARTICIPATION are studies by Beate Klein and others published by the U.N. Centre Against Apartheid and Corporate Data Exchange. Sources on banks' OWN loans (shown in the notes below) are IRRG, Foreign Investment in South Africa, recent issues of the Wall Street Journal, and bank announcements.

Notes: * Society Corp. is acquiring Centran Corp.

- (1) Chase subsidiary Lincoln First had \$10.0 million of its OWN outstanding to SA borrowers as of 12/83.
- (2) Continental Illinois had \$315-420 million of its OWN outstanding to SA borrowers as of 12/83.
- (3) CoreStates had \$20.7 million of its OWN outstanding to SA borrowers as of 12/83.
- (4) NCNB had \$217.0 million of its OWN outstanding to SA borrowers as of 12/83. A further \$130.0 million of its OWN was loaned to SA borrowers in 1984 (maturity dates of 1984 loans unknown).
- (5) Bank of Boston had \$75.0 million of its OWN outstanding to SA borrowers as of 3/85.
- (6) Bank says it has NONE of its OWN outstanding to SA borrowers as of 6/85.
- (7) PNC Financial had \$1.8 million of its OWN outstanding to SA borrowers as of 3/84.
- (8) Texas Commerce Bankshares had \$33.5 million of its OWN outstanding to SA borrowers as of 3/84.
- (9) Maryland National had \$17.9 million of its OWN outstanding to SA borrowers as of 12/83.
- (10) Bank of New York had \$11.5 million of its OWN outstanding to SA borrowers as of 12/83.
- (11) United Banks of Colorado had \$170,000 of its OWN outstanding to SA borrowers as of 12/83.
- (12) Bank had unknown amount GT \$0.0 of its OWN outstanding to SA borrowers as of 1983/84.

KEY to Bank Loan/Underwriting Policies:

- | | |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N = No loans to any South African borrower. | E = Exceptions to official loan policy allowed in certain circumstances, (for instance, where bank considers loan beneficial to blacks specifically or to all equally). |
| G = No loans to South African government and its agencies or instrumentalities (parastatal corporations). | C = Policy places no restrictions on loans to any South African borrower. |
| G+ = No loans to South African government, its agencies or instrumentalities, Namibia, or homelands. | Cb = No policy against loans to any South African borrower but bank must consider loan beneficial to all equally. |
| Gb = No loans to South African government for military/security or balance-of-payments purposes. | |

U.S. BANKS PARTICIPATING IN LOANS/UNDERWRITINGS TO SOUTH AFRICA -
RANKED BY TOTAL AMOUNT OF ALL LOANS/UNDERWRITINGS EVER PARTICIPATED IN
1972 - May 1984 (with LOAN POLICY Codes)

(NOTES: GT = Greater Than.
() = Loan/underwriting policy, see key previous page.)

Rank	Bank	Total Loans (millions)	Rank	Bank	Total Loans (millions)
1	Citicorp (G)	\$2,623.0	41	Fidelcor (N)	\$53.0
2	Manufacturers Hanover Corp. (G)	\$1,414.9	42	Maryland National Corp. (G+)	\$51.2
3	First Boston Inc.	\$1,309.4	43	Exchange Intl. (Central Natl/Chicago)**	\$50.5
4	Kidder, Peabody & Co.	\$1,154.6	44	First American Bank (Northern States)	\$50.0
5	Chase Manhattan (G+) (Lincoln First)	\$1,027.5	44	First Empire State Corp.	\$50.0
6	J. P. Morgan & Co. (G)	\$963.9	44	First Kentucky National Corp.	\$50.0
7	Smith Barney Inc.	\$857.7	44	First Pennsylvania Corp.	\$50.0
8	Goldman, Sachs & Co.	\$850.0	44	First Washington Securities Corp.	\$50.0
9	Merrill Lynch & Co. (G)	\$804.7	44	E. F. Hutton Group	\$50.0
10	Prudential Insurance (Bache)	\$670.4	44	Merchants National Corp.	\$50.0
			44	Rothschild Inc.	\$50.0
			44	United Virginia Bankshares Inc.	\$50.0
11	Morgan Stanley & Co.	\$660.3	53	First Wisconsin Corp. (G+)	\$34.7
12	American Express (G) (Shearson Lehman)	\$639.0	54	Centran Corp. *	\$16.7
13	PaineWebber Group Inc.	\$517.6	55	Citizens & Southern Georgia Corp. (C)	\$8.1
14	Arnhold & S. Bleichroder Co.	\$495.2	56	Riggs National Corp.	\$7.5
15	Dillon, Read & Co.	\$437.1	57	First Bank System (G+) (Banks of Iowa)	\$6.1
16	Drexel Burnham Lambert Inc.	\$354.1	58	Society Corp. *	\$5.7
17	Continental Illinois Corp. (Cb)	GT \$327.0 (1)	59	Arizona BancWest	\$3.0
18	Aetna Life & Casualty (Montagu [UK])	\$323.1	60	AmeriTrust Corp. (G+)	\$2.9
19	Chemical New York Corp. (G)	\$310.4			
20	BankAmerica (G+) (Seafirst [N])	\$284.3			
21	Phibro-Salomon Inc. (Salomon Bros. [G])	\$269.6	61	Norwest Corp. (NW Natl Bk/Minneapolis) (G+)	\$2.5
22	Sears Roebuck (Dean Witter Reynolds) (G)	\$267.5	62	First Atlanta Corp.	\$2.0
23	First Chicago Corp. (G)	\$248.8	63	Security Pacific Corp. (G+)	\$1.7
24	Lazard Freres & Co.	\$227.9	64	Bank of Montreal [Can] (Harris Bank [G+])	\$1.4
25	Dresdner Bank [WG] (ABD Securities)	\$204.5	65	National City Corp. (N)	\$1.8
26	InterFirst Corp.	\$200.0	66	Mellon Bank Corp. (G)	\$1.5
27	Boar, Stearns & Co.	\$180.6	67	Huntington Bancshares Inc.	\$1.4
28	Private Export Funding Co. (PEFCO)	\$175.0	67	Northern Trust Corp.	\$1.4
29	New York Hanseatic Corp.	\$148.0	69	First City Bancorp of Texas (C)	\$1.3
30	European American Bancorp.	\$138.1	69	First Interstate Bancorp. (E)	\$1.3
			69	Midlantic Banks (New Jersey Bank)	\$1.3
31	CoreStates Financial (N) (Phila. Natl.)	\$128.7	72	Banc One Corp. (Winters National)	\$1.1
32	Irving Bank Corp. (G)	\$125.0	72	Northeast Bancorp (Union Trust)	\$1.1
33	Midland Bank [UK] (Crockers Natl. [Cb])	\$121.7			
34	RepublicBank Corp. (Houston Natl.) (Gb,E)	\$101.9	-	Texas Commerce Bancshares (Cb)	GT \$0.0 (4)
35	NCNB Corp. (G)	GT \$101.5 (2)	-	Bank of New York Co. (N,E)	GT \$0.0 (5)
36	Bankers Trust New York Corp. (G)	\$100.0	-	United Banks of Colorado Inc.	GT \$0.0 (6)
37	PNC Financial (G+) (Provident National)	\$99.8	-	Fleet Financial Group (G+)	GT \$0.0
38	Dow Chemical Co.	\$62.0	-	Peoples Bancorp.	GT \$0.0
39	Bank of Boston (First Natl Bk/Boston) (N)	GT \$57.5 (3)	-	Rainier Bancorp.	GT \$0.0
40	Wells Fargo & Co. (N)	\$54.0			

Sources: These rankings are based on the totals of loans/underwritings in which the banks PARTICIPATED during 1972-May 1984, where data on such loans were publicly available. It is probable that banks have participated in more loans to SA borrowers than have been made public. The rankings are NOT based on a bank's own share of these loans (which is usually not known), NOR are they based on the known amount of a bank's own loans to SA borrowers (on which data are very sparse). SOURCES on loan/underwriting PARTICIPATION are studies by Beate Klein and others published by the UN Centre Against Apartheid and Corporate Data Exchange. Sources on banks' OWN loans (shown in the notes below) are IIRC, Foreign Investment in South Africa; recent issues of the Wall Street Journal; and bank announcements.

Notes: * Society Corp. is acquiring Centran Corp.

** Bank claims it has never been involved in any SA loans.

(1) Continental Illinois had \$315-420 million of its OWN outstanding to SA borrowers as of 12/83.

(2) NCNB had \$217.0 million of its OWN outstanding to SA borrowers as of 12/83. A further \$130.0 million of its OWN was loaned to SA borrowers in 1984 (maturity dates of 1984 loans unknown).

(3) Bank of Boston has \$75.0 million of its OWN outstanding to SA borrowers as of 3/85.

(4) Texas Commerce Bankshares had \$33.5 million of its OWN outstanding to SA borrowers as of 3/84.

(5) Bank of New York had \$11.5 million of its OWN outstanding to SA borrowers as of 12/83.

(6) United Banks of Colorado had \$170,000 of its OWN outstanding to SA borrowers as of 12/83.

KEY TO THE UNIFIED LIST

Both parent corporations and subsidiaries and affiliates are listed alphabetically in one continuous listing. Parent corporations' names are given in all capital letters (e.g.: GENERAL ELECTRIC CO.). Subsidiaries/affiliates are given with initial capital letters (e.g.: Utah International Inc.). Companies whose names normally have all capital letters (e.g.: AFIA Worldwide Insurance) are placed at the beginning of the listings for that letter of the alphabet. Hence AMR Corp. will precede Abbott Laboratories.

Parent companies are described in a full entry. For subsidiaries and affiliates, a short entry (a "SEE" entry) refers the user to the parent corporation's entry. (Subsidiaries and affiliates whose names are the same as their parent's are not given separate SEE entries).

SUBSIDIARIES are companies that the parent company controls through ownership of 50 percent or more of the stock. AFFILIATES are companies in which parents have significant interests of less than 50 percent. Parent companies may or may not control affiliates, depending on the distribution of ownership of the rest of the stock, on which stockholder manages the affiliate, and sometimes on other factors.

How to Read a Company Entry

See next page for explanation of circled numbers on chart below.

PARENT COMPANY (or subsidiary) with Parent's Head- quarters and Industry Classification (a) (Numbered Sources in parentheses after parent name)	Parent Company's RANK (b)	Parent Company's MAJOR SHAREHOLDERS (c,d)	Parent Company's U.S. SUBSIDIARIES Involved in South Africa	Parent's or U.S. Subsidiary's SOUTH AFRICAN SUBSIDIARIES or AFFILIATES (Numbered Sources in parentheses)	South African Subsidiary's PRODUCT or SERVICE CATEGORY	South African Subsidiary's NUMBER of EMPLOYEES (e)	Parent Company's or Subsidiary's FINANCIAL INVOLVEMENT (Sales, assets or investments, or loan participation) in South Africa (in \$ millions) (d,e)
PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
<p>1 CIFICORP (1,3,5,6, 7,8,10,15,18,22, 26,27,28) 3 New York, NY 17 Commercial banking 17 Loan policy = 6</p>	BT	4 5 J.P. Morgan & Co. (4%); Bank of Boston (3%)	6 Citibank (formerly First National City Bank of New York) Diners Club Inc.	8 Citibank N.A. Ltd. Diners Club SA (Pty.) Ltd. (19%)(34% held by Standard Chartered Bank [SA])	10 Commercial banking [also in Namibia] Charge cards	11 (220) 91	15 Deposits=\$144.6 Assets=\$0,2(28) Capital=\$6.95 (26) 16 \$2,623.0(z) \$1,594.7(y)
"AIMHART CORP." (4,20,28) Farmington, CT Industrial equip- ment	205	J.P. Morgan & Co. (5%); Mercantile Bank-shares (2%)	7 USM Corp. USMC Intl. Ltd. [UK] United Marketing (Leicester) Ltd. [UK]	9 British United Shoe Machinery (SA) (Pty.) Ltd. B.U. Engineering (Pty.) Ltd. Bostik (Pty.) Ltd. M. F. Properties (Pty.) Ltd. Wynberg Development (Pty.) Ltd.	Shoemaking machinery Industrial adhesives	(690) (469)	13 (NI) (Sales=\$10.0) 14 Sales=\$25.0 Assets=\$15.0

1. Parent Company Name: company nationality is shown in brackets -- [] -- if non-U.S.
2. Original Sources: source list(s) that show the parent company (or a subsidiary or affiliate) has investments or loans in S.A./Namibia; see NUMBERED SOURCES, p.94, for references.
3. Parent Company Headquarters, and parent's Products and/or Services.
4. Parent Company Rank: rank in "Fortune" or other industry rankings [foreign rankings are shown in brackets]; for the key to industry rankings, see NOTES AND ABBREVIATIONS, p.10.
5. Major Shareholders: largest stockholders in the parent company (with ownership percentages, if known).
6. U.S. Subsidiary or Affiliate: parent company's subsidiary or affiliate through which the parent is involved in S.A./Namibia; nationality is shown in brackets -- [] -- if non-U.S.; ownership percentage is shown in parentheses, if known.
7. Subsidiary/Affiliate of Preceding UNINDENTED U.S. Subsidiary: indentation indicates subsidiary or affiliate status; for instance, in the slightly fictional "Aimhart Corp." entry, USMC Intl. Ltd. is a British subsidiary of USMC Corp., while United Marketing (Leicester) Ltd. is in turn a British subsidiary of USMC Intl. Ltd.
8. S.A./Namibia Subsidiary or Affiliate: ownership percentage is shown in parentheses, if known. Subsidiary is based in S.A. unless "[Namibia]" or "[Nam.]" appears after its name.
9. Subsidiary/Affiliate of Preceding UNINDENTED S.A. Subsidiary: indentation indicates subsidiary/affiliate status; for instance, in the "Aimhart Corp." entry, both B.U. Engineering (Pty.) Ltd. and Bostik (Pty.) Ltd. are subsidiaries of British United Shoe Machinery (SA) (Pty.) Ltd.--while both M.F. Properties (Pty.) Ltd. and Wynberg Development (Pty.) Ltd. are in turn subsidiaries of Bostik (Pty.) Ltd.
(D?) indicates this S.A./Namibia company is PROBABLY a distributor which the parent does not own, NOT a subsidiary as the original source list indicates.
10. Products and/or Services of S.A./Namibia subsidiaries/affiliates.
11. Employment Subtotal: number of employees of a SINGLE S.A./Namibia subsidiary or affiliate.
12. Total Number of Employees of ALL S.A. subsidiaries/affiliates.
13. Financial Subtotals: sales, assets, or loans/underwritings of a SINGLE S.A./Namibia subsidiary or affiliate.
14. Total Sales and Assets of ALL S.A. subsidiaries/affiliates, in millions of dollars.
15. (z) Total Amount of ALL S.A. Loans/Underwritings in which the bank participated, in millions of dollars.
16. (y) Amount of OUTSTANDING S.A. Loans/Underwritings in which the bank participated, in millions of dollars. Outstanding loans are loans which have not been fully repaid.
17. Bank Policy on S.A. Loans/Underwritings: the bank's officially adopted policy on loans to S.A./Namibia borrowers, both public or private; for the key to the codes for loan policies, see NOTES AND ABBREVIATIONS, p.10.

NOTES AND ABBREVIATIONS

Subsidiary = 50% or more of stock owned. Affiliate = 49% or less of stock owned.

COLUMN notes:

(a) Industry classifications are based on those used in Fortune's industry rankings and in business reference books.

(b) KEY to Rankings:

-Numbers without letters or brackets indicate rank in "Fortune 1000" industrial companies inside the U.S. (1983 rankings for #1-500, except where noted; 1982 rankings for #501-1000).

-Numbers in brackets - "[55]" - indicate rank in Fortune's top industrial firms and banks outside the U.S. (1983 rankings).

-Letters before numbers, with or without brackets, indicate company's rank in a particular non-industrial sector:

A	= Accounting industry (1983 rankings)	P	= Private companies (stock is not for sale to the public) (1982)
Ad	= Advertising industry (1983)	R	= Retailing industry (1983)
B	= Commercial Banking industry (1983)	S	= Diversified Service companies (1983)
F	= Diversified Financial companies (1983)	T	= Transportation industry (1983)
L	= Life Insurance industry (1983)	U	= Utilities industries (1983)

(c) M = Manager of the listed company's employee-benefit or trust plan (except for "U.S. Steel (M)", which indicates U.S. Steel's shareholdings for its own employee-benefit plan).

(d) NI = No information.

D? = Probable unaffiliated distributor.

(e) GT = Greater than. LT = Less than JV = Joint venture

z = Total loans/underwritings participated in, both repaid and outstanding.

y = Outstanding loans/underwritings participated in.

KEY to Bank Loan and Underwriting Policies:

N = No loans to any South African borrower.

G = No loans to South African government and its agencies or instrumentalities (parastatal corporations).

G+ = No loans to South African government, its agencies or instrumentalities, Namibia, or homelands.

Gb = No loans to South African government for military/security or balance-of-payments purposes.

E = Exceptions to official loan policy allowed in certain circumstances (for instance, where bank considers loan beneficial to blacks specifically or to all equally).

C = Policy places no restrictions on loans to any South African borrower.

Cb = No policy against loans to any South African borrower but bank must consider loan beneficial to all equally.

KEY to Abbreviations for Other Nations:

Aust. = Australia

Fr. = France

SA = South Africa

Belg. = Belgium

It. = Italy

SWA = South West Africa (Namibia)

Ber. = Bermuda

Nam. = Namibia

Switz. = Switzerland

Can. = Canada

Neth. = Netherlands

UK = United Kingdom

Den. = Denmark

Pan. = Panama

WG = West Germany

Abbreviations in corporation names: "Pty." = "Proprietary" "Ltd." = "Limited"

The UNIFIED LIST of UNITED STATES COMPANIES
with Investments or Loans in
SOUTH AFRICA and NAMIBIA

PARENT COMPANY (or subsidiary) with Parent's Head- quarters and Industry Classification (a) (Numbered Sources in parentheses after parent name)	Parent Company's Industry RANK (b)	Parent Company's MAJOR SHAREHOLDERS (c,d)	Parent Company's U.S. SUBSIDIARIES Involved in South Africa	Parent's or U.S. Subsidiary's SOUTH AFRICAN SUBSIDIARIES or AFFILIATES (Numbered Sources in parentheses)	South African Subsidiary's PRODUCT or SERVICE CATEGORY	South African Subsidiary's NUMBER of EMPLOYEES (d)	Parent Company's or Subsidiary's FINANCIAL INVOLVEMENT (sales, assets or investments, or loan participation) in South Africa (in \$millions) (d,e)
AAF-Alta (Pty.) Ltd. - SEE Allis-Chalmers Corp.							
ABC News - SEE American Broadcasting Co.							
ABD Securities Corp. - SEE Dresdner Bank AG [WG]							
ABS Worldwide Technical Services - SEE American Bureau of Shipping							
ACCO WORLD CORP. (14,28) Northbrook, IL Office supply products		Directors/ officers (22%); Mass. Mutual Life (10%); TIAA- CREF (8%)	Twinlock PLC [UK]	Twinlock SA (Pty.) Ltd. Int'l. Systems (Pty.) Ltd. Modern Steel Office Equipment (Pty.) Ltd. Shannon Africa (Pty.) Ltd.	Office equip- ment & supplies	185	NI
ACEC South Africa (Pty.) Ltd. - SEE Westinghouse Electric Corp.							
ACF Industries Inc. (20) - SOLD Polymer Corp. to Chesebrough-Pond's Inc., 12-84.							
AFJA Worldwide Insurance - SEE CIGNA Corp.							
AGL Corp. (1,28) - SOLD SA subsidiary, distributing laser & related equipment, to SA buyers, 1981.							
AMSC SA (Pty.) Ltd. - SEE American Hospital Supply Co.							
AIDEC Group (Pty.) Ltd. - SEE Corroon & Black Corp.							
AM INTERNATIONAL INC. (1,3) Los Angeles, CA Office equipment [in bankruptcy; now reorganizing]	427	[After reorgn.: creditors (42%), Addresso- graph Multi- graph Corp.) (39%), manage- ment/employees (7%), AM Intl. (12%)]	(formerly Addresso- graph Multi- graph Corp.)	A.M. Intl. (Pty.) Ltd.	Business equipment suppliers	370	NI
AMAX Corp. (2,5,9,19) - Company NO LONGER in SA or Namibia; SOLD holdings in Tsumeb [Nam.] and O'okiep, 1983.							
AMBAC Industries Inc. - SEE United Technologies Corp.							
AMCA International Ltd. [Can.] - SEE Canadian Pacific Ltd. [Can.]							
AMF Inc. (20,28) - SOLD subsidiary (Bowl-Op SA), 1979							
AMR CORP. (1,3) Dallas, TX Airline	T5	R. Bruner family (7%)	(formerly American Airlines Inc.) American Airlines	American Airlines	Airline sales	4	NI
ARCO - SEE Atlantic Richfield Co.							
ASA LTD. (9) Johannesburg, SA Investment company		[US share- holders]	(formerly American- South African Investment Co. Ltd.)		Investments in SA gold-mining stocks	NI	NI
A-T-O - SEE Figgie International [renamed]							
Abbeville Pty. Ltd. [SA] - SEE Colgate-Palmolive Co.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSID/AFFILIATE</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMNT</u>
ABBOTT LABORATORIES (1,3,25,28) Chicago, IL Pharmaceuticals	137	Abbott Labs (6%)(M); Metropolitan Life Ins. (3%)	Abbott In- ternational	Abbott Labora- tories S.A. (Pty.) Ltd. Abbott Hospital Products (Pty.) Ltd.	Pharmaceuti- cals, hospi- tal products, infant nutri- tionals	141	Sales LT \$15.0 Assets LT \$6.5
ABELL, A.S., CO. (19) Baltimore, MD Newspaper publishing & radio/TV broad- casting		Abell family	The Sunpapers Baltimore Sun	Baltimore Sun	News gathering	1	NI
ABELMAN, M., CO. (4) Boston, MA Paint products		NI		Abelman Agencies	Paint removers & shellacs	NI	NI
ABERCROMBIE & KENT (24) Oak Brook, IL Camps for construc- tion & exploration industries		NI		Abercrombie & Kent Safaris (Pty.) Ltd.	Wholesale tour opera- tors	NI	NI
Abex Corp. - SEE IC Industries Inc.							
Abtan Property Holdings (Pty.) Ltd. - SEE Canadian Pacific Ltd. [Can.]							
Academic Press Inc. - SEE Harcourt Brace Jovanovich Inc.							
ACCURAY CORP. (1,5) Columbus, OH Industrial process control equipment		Blair family (6%); other directors (8%)	(formerly Industrial Nucleonics Corp.)	AccuRay South Africa (Pty.) Ltd.	Measurement control sys- tem services & sales	21	NI
Acoustical Products (Pty.) Ltd. - SEE U.S. Gypsum Co.							
ACUFF-ROSE PUBLICATIONS INC. (24,25) Nashville, TN Music publishing & copyright leasing		R. Acuff family; Rose family		Acuff-Rose SA (Pty.) Ltd.	Music publica- tion & thea- trical agency	NI	NI
Addressograph-Multigraph Corp. - SEE AM International Inc.							
Adsearch (Pty.) Ltd. - SEE Interpublic Group of Cos. Inc.							
Advanced Chemicals (Pty.) Ltd. - SEE Lord Corp.							
Advanced Coatings (Pty.) Ltd. - SEE Sherwin-Williams Co.							
AETNA LIFE & CASUALTY CO. (1,3,7,27) Hartford, CT Insurance	F2	Hartford National Bank & Trust (7%) (M); Fayed Sarafim & Co. (3%)	Geosource Inc. [sold to Gearhart Industries, 7-84] Samuel Montagu & Co. [UK] (40%) (see also Midland Bank PLC [UK])	Geosource SA (Pty.) Ltd.			\$323.1(z) \$248.1(y)
Africa Triangle Mining - SEE U.S. Steel Corp.							
African Coast Diamonds & Minerals (Pty.) Ltd. [Namibia] - SEE T.O.N.M. Oil & Gas Exploration Corp.							
African Commerce Development Co. (Pty.) Ltd. - SEE International Staple & Machine Co.							
African Pension Trustees Ltd. - SEE Alexander & Alexander Services Inc.							
African Telephone Cables (Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
Africolor Properties (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.							
Africover (Pty.) Ltd. - SEE Alexander & Alexander Services Inc.							
AIR EXPRESS INTER- NATIONAL CORP. (1,3) Stamford, CT Freight forwarding		Hailman family (39%); Easton & Co.		Air Express Intl. SA (Pty.) Ltd.	Air freight forwarding	45	NI

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
AIR PRODUCTS & CHEMICALS INC. (1,9,20,28) Allentown, PA Chemicals & machinery	212	Mellon Natl. Bank (5%); Equitable Life Assurance (4%)		Air Products SA (Pty.) Ltd. (50%) SATEC-Hudameck (SA) (Pty.) Ltd.	Industrial & medical gas manufacturing	313	Assets = \$17.0 Sales = \$34.0

Air-Shields Inc. - SEE Healthdyne Inc.

Airco Engineering (Pty.) Ltd. - SEE United Technologies Corp.

Airco Inc. - SEE BOC Group [UK]

AJAX MAGNETHERMIC CORP. (26) Warren, OH Electric heating & melting equipment mfg.		NI		Infernco (Pty.) Ltd.	Steel-smelting furnace & equipment design & manufacture	NI	NI
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Akulu-Marchon (Pty.) Ltd. - SEE Tenneco Inc.

Aladdin Industries Inc. (24) - SOLD its UK subsidiary with SA interests, 1981

ALBANY INTERNATIONAL CORP. (24) Menands, NY Paper-machine & industrial fabrics, & plastics	557	Management (100%)		Beier Albany Co.	Paper-machine fabrics & industrial plastics	NI	NI
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ALBI INTERNATIONAL INC. (1,3,5) Secaucus, NJ Cosmetics		Alvin Burack & William Weiss	Helena Rubenstein Inc.	Helena Rubenstein SA (Pty.) Ltd.	Cosmetics	50	NI
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Albright & Wilson Ltd. [UK] - SEE Tenneco Inc.

Alcan Laboratories - SEE Nestle SA [Switz.]

ALEXANDER & ALEXANDER SERVICES INC. (1,19,22,25,28) New York, NY Insurance & financial services	F74	Providence Capitol Ltd. [Ber.] (5%)	Alexander & Alexander Inc.	Alexander-AIB Insurance Services (Pty.) Ltd.	Insurance brokerage	291	Sales = \$5.8 Assets = \$18.0
			Alexander & Alexander Intl. Corp. Alexander Howden Group PLC [UK] [has over 50 subsidiaries & affiliates in SA; selected subsidiaries listed]	African Pension Trustees Ltd. Africover (Pty.) Ltd. Alexander Howden Group (SA) (Pty.) Ltd. Alexander Howden Insurance Brokers I. Kuper & Co. Insurance Brokers (Pty.) Ltd. Nathan Lazarus Holdings (Pty.) Ltd. Lowndes Lambert (SA) (Pty.) Ltd. Alexander Howden Insurance Brokers (SWA) (Pty.) Ltd. Alexander Insurance Services (Pty.) Ltd. [Namibia] Priceforbes Federale Volkskas Ltd. (LT 50%)(1)			
			Proposed acquisition of Reed Stenhouse Cos. Ltd. [Can.], 12-84; insurance brokerage with SA operations.				

ALEXANDER GRANT & CO. (24) Chicago, IL Accounting	A9	(Partnership)	Grant Thornton Intl.	Grant Thornton Intl.	Accounting	NI	NI
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Alexander Howden Group PLC [UK] - SEE Alexander & Alexander Services Inc.

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
Alfred Teves Engineering SA (Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
Algoa Oil & Pipeline Services (Pty.) Ltd. - SEE Combustion Engineering Inc.							
ALLEGHENY INTERNATIONAL- AL INC. (1,2,3,24,25,28) Pittsburg, PA Metal manufacturing	160	Neuberger & Berman (6%); Chemical New York Bank (6%)	(formerly Allegheny Ludlum Indus- tries) Wilkinson Sword Group Ltd. [UK]	Lion Match Co. Ltd. (64%) Interpak Hold- ings (Pty.) Ltd. Interprint (Pty.) Ltd. Record Pak Inc. (Pty.) Ltd. V-Pac (Pty.) Ltd. Untombeni Farm (Pty.) Ltd. Natl. Razor Blade Mfg. Co. (Pty.) Ltd.	Matches, razors, kitchen equipment, & packaging & boxes	(1,922)	(Sales=\$72.0)
			Sunbeam Corp.	Rotomowers (Pty.) Ltd. Sunbeam Africa (Pty.) Ltd.	NI	(NI)	
			Wilkinson Match (USA) Inc. Graviner Inc. Scripto Inc. [sold,11-84]	Graviner SA Scripto SA (Pty.) Ltd. [sold previ- ously]	NI Pens	(NI)	1,922+ Sales GT \$72.0
Allegheny Ludlum Industries - SEE Allegheny International Inc.							
ALLEN, LOUIS A., ASSOCIATES INC. (1) Palo Alto, CA Management con- sultants		NI		Louis A. Allen Associates Ltd.	Management consultants	6	NI
Allanwest-GE Manufacturing (Pty.) Ltd. - SEE General Electric Co.							
ALLIED CORP. (2,4) Morristown, NJ Chemicals & motor vehicle equipment	29	Textron Inc. (5%); J. Solvay family [Belg.] (4%) Agreement to merge with Signal Cos., 5-85	(formerly Allied Chemical Corp.) Bendix Corp. (55%) Fram Corp.	Montrose Explora- tion Co. Ltd. Fram Filters SA (Pty.) Ltd. American Abra- sives Co. SA (Pty.) Ltd.	Chrome ore production Auto filters Corundum	(NI) (200) (NI)	NI 200+
Allied Kelite Chemicals Inc. - SEE Witco Chemical Corp.							
ALLIS-CHALMERS CORP. (1,3,22,28) Milwaukee, WI Industrial & farm equipment	253	T. Rowe Price & Assocs. (9%); Capital Group (8%)	American Air Filter Co.	Allis-Chalmers Services Inc. AAF-Alta (Pty.) Ltd.	Area office & nuclear technology [Mon.] Air pollu- tion con- trols	(1) (89)	Sales LT \$13.0 Assets LT \$11.0 90
Allstate Insurance Co. - SEE Sears Roebuck & Co.							
Altolevel Recruitment Advertising (Pty.) Ltd. - SEE Ogilvy & Mather International Inc.							
Alusuisse - SEE Swiss Aluminum Ltd. [Switz.]							
Amalgamated Beverage Industries [SA] - SEE Coca-Cola Co.							
Amalgamated Packaging Industries Ltd. [SA] - SEE Champion International Corp.							
Amchem Products Inc. - SEE Henkel KGaA [WG]							
AMDAHL CORP. (19) Sunnyvale, CA Computer manu- facturing	350	Fujitsu Ltd. [Japan] (49%)	Tran Tele- communica- tions Corp.	Amdahl Interna- tional Corp. Tran Systems (Pty.) Ltd.	Computer products marketing Switchboard network systems	(6) (50)	NI 56

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
AMERICAN HOME PRODUCTS CORP. (1,3,4,5,20,28) New York, NY Pharmaceuticals	73	J.P. Morgan & Co. (2.5%); Mellon Natl. Bank (2%)	Ayerst Laboratories	Ayerst Labs. (Pty.) Ltd. American Ethicals (Pty.) Ltd. Fort Dodge Labs (4) Whitehall Products SA (Pty.) Ltd.	Pharmaceuticals Veterinary medicines Toiletries & household products	(62) (NI) (145)	Sales = \$41.0 Assets = \$24.0
			Wyeth Intl. Ltd.	Wyeth Labs (Pty.) Ltd.	Pharmaceuticals & infant nutrition	(296)	
			Prestige Group PLC (UK) (73%); sold to American Brands. (7-84)				
						503	
AMERICAN HOSPITAL SUPPLY (1,3,19,28) Evanston, IL Medical equipment & supplies	S12	NI Agreement to merge with Hospital Corp. of America, 4-85		AHSC SA (Pty.) Ltd.	Medical & surgical equipment distribution	16	Sales = \$3.3 Assets = \$1.3
AMERICAN INTERNATIONAL GROUP INC. (1,3) New York, NY Diversified financial & insurance company	F17	C.V. Starr family (38%); T. Rowe Price & Assoc. (4%)		American Intl. Insurance Co. Ltd.	Insurance	160	Sales = \$21.5 (1982) Assets = \$20.0 (1983)
American Metal Climax - SEE AMAX Inc.							
AMERICAN MOTORS CORP. (4) Southfield, MI Motor vehicles	105	Renault [Fr.] (46%); J.P. Morgan & Co. (2%)		Jeep International American Motors SA (Pty.) Ltd.	Jeep cars & trucks Automobiles	NI	NI
American National Corp./American Natl. Bank & Trust Co. - SEE First Chicago Corp.							
AMERICAN STANDARD INC. (1,3,4,5,19) New York, NY Plumbing, transportation, construction, graphics materials, and industrial equipment	170/ 284	Delaware Management (3%); Natl. Detroit Bank (3%)	Westinghouse Air Brake Co. (WABCO) [Sold to Dresser Industries, 7-84] Trane Co. (acquired 2-84; ranked #284 in US)	WABCO South Africa (Pty.) Ltd. Trane Southern Africa (Pty.) Ltd.	 Air conditioning, heat transfer, & transport refrigeration equipment	62	Sales GT \$6.6 Assets GT \$5.0
AMERICAN TELEPHONE & TELEGRAPH CO. (24) New York, NY Telecommunications services & equipment	U1	NI	Ing. Olivetti & Co. SpA [It.] (25%) [Olivetti ranked #188 outside US]	Olivetti Africa (Pty.) Ltd.	Office equipment	NI	NI
American Tobacco Intl. Corp. - SEE American Brands Inc.							
Amerifin Corp. (1,3,6,20) - Formerly Walter E. Heller Intl. Corp.; SOLD subsidiary American Natl. Corp. (Am. Natl. Bank & Trust) to First Chicago Corp., 1-84; SOLD subsidiary Walter E. Heller Overseas Corp. to Fuji Bank Ltd. [Japan], 1983; company in liquidation.							
AMERITRUST CORP. (6,28) Cleveland, OH Commercial banking Loan Policy = G+	858	AmeriTrust (26%); Natl. City Bank (4%); Gund family (4%)	(formerly Cleveland Trust Corp.) Cleveland Trust				\$2.9 (z) 0 (y)
Amplex Corp. - SEE Signal Cos.							
AMRHO INTERNATIONAL (2) South Africa Equipment distribution		[US ownership]		Amrho International	Construction, railway, & refrigeration equipment distribution	10	NI

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
ARMCO STEEL CORP. (cont.)				Nerico Chrome Corp. (Pty.) Ltd.		(NI)	
				Mooi draai Mining (Pty.) Ltd.		(NI)	
				Nqwaketske Minerals (Pty.) Ltd.		(NI)	
				Pietersburg Iron Co. (Pty.) Ltd.		(NI)	
				Rietpoort Mining (Pty.) Ltd.		(NI)	
				Roodekopjesput Mining (Pty.) Ltd.		(NI)	
				Transvaal Fluorspar (Pty.) Ltd.		(NI)	
							6+
Armour-Africa (Pty.) Ltd. - SEE Marmon Group							
ARMSTRONG WORLD INDUSTRIES (4) Lancaster, PA Textiles & vinyl flooring	240	Lord, Abbett & Co. (7%); TIAA-CREF (5%)	[formerly Armstrong Cork Co.]	Armstrong Cork (Pty.) Ltd.	Flooring & packing materials	NI	NI
ARNHOLD & S. BLEICHRODER CO. (7,8,18,27) New York, NY Investment banking		NI					\$495.2 (z) \$454.7 (y)
ARTHUR ANDERSON & CO (1,3,9) Chicago, IL Accounting	A1	Partnership		Arthur Anderson & Co. [US company claims no ownership in SA company]	Accounting & auditing	250	NI
ARTHUR YOUNG & CO. (1,3) New York, NY Accounting	A6	Partnership		Arthur Young & Co. [US company claims no ownership in SA company]	Accounting & auditing	475	NI
Asco Electrical Products Co. Inc. - SEE Emerson Electric Co.							
Ascorig (Pty.) Ltd. - SEE Emerson Electric Co.							
Asgrow SA (Pty.) Ltd. - SEE Upjohn Co.							
ASHLAND OIL INC. (1,3,5,19,25,28) Ashland, KY Petroleum refining	45	Chemical NY Bank (7%); Pearson & Son [UK] (3%)	Valvoline Oil Co.	Immelwade Investments (Pty.) Ltd. Valvoline Oil Co. SA (Pty.) Ltd.	Lubricants, auto chemicals	(72)	Sales = \$9.3 Assets = \$2.1
			U.S. Filter Corp. Drew Chemical Corp.	Mikropul SA (Pty.) Ltd (formerly Drew Americoid SA) Marikleen (Pty.) Ltd. (dormant) Drewcat (50%)	Chemical & engineering supplies and services	(19)	
							108
Asoma Africa (Pty.) Ltd. - SEE Associated Metals & Minerals Corp.							
Associated Electronics (Pty.) Ltd. - SEE Bourns Inc.							
Associated Manganese Mines of SA Ltd. - SEE U.S. Steel Corp.							
ASSOCIATED MERCHANDISING CORP. (24) New York, NY Marketing consultants		NI		Truworths (B?)	Retail service organization	NI	NI
ASSOCIATED METALS & MINERALS CORP. (1,3,19) New York, NY Metals & minerals trading				Asoma Africa (Pty.) Ltd.	Metals & minerals trading	(20)	NI
				Metal & Chemical Industries (Pty.) Ltd.	Nonferrous metals production	(240)	
							260

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
Associated Ore & Metal - SEE U.S. Steel Corp.							
ASSOCIATED PRESS (1,3) New York, NY News agency		[Newspaper cooperative]		Associated Press	News gather- ing	4	NI
Ateliers de Constructions Electriques de Charleroi (ACEC) [Belg.] - SEE Westinghouse Electric Corp.							
ATLANTIC RICHFIELD CO. (4) Los Angeles, CA Petroleum refining	12	Security Pacific Bank (3%) (M); Citicorp (2%)	(also known as ARCO)	Arco South Africa Corp.	Oil explora- tion	NI	NI
Audco Rockwell (Pty.) Ltd. - SEE Rockwell International Corp.							
Automated Building Components Inc. - SEE Redland PLC [UK]							
Automatic Switch Co. - SEE Emerson Electric Co.							
AVERY INTERNATIONAL INC. (20,28) Pasadena, CA Labels & paper products	341	Avery family (17%); Smith family (7%); Capital Group (6%)		Fasson Products (Pty.) Ltd. Avery Label Systems SA	Self-adhesive Labels	NI	NI
Avis Rent-A-Car - SEE Beatrice Cos.							
Ayerst Laboratories - SEE American Home Products Corp.							
BBD0 INTERNATIONAL INC. (1,3,19,20) New York, NY Advertising	Ad7	Tom Dillon family (7%); other directors & officers (6%)	(formerly Batten, Barton, Durstine & Osborne)	BBD0 Advertising SA (Pty.) Ltd.	Advertising	340	Sales = \$51.0
B. L. Pharmaceuticals (Pty.) Ltd. - SEE Bristol-Myers Co.							
B-M Group (Pty.) Ltd. - SEE Bristol-Myers Co.							
BOC GROUP [UK] (4) London, UK Chemicals & metals	[174]	NI	Airco Inc. (ranked #271 in U.S. in 1982)	Transalloys (Pty.) Ltd. (35%)(majority owned by Anglo American Group [SA])	Ferroalloy production	NI	NI
BP Ltd. [UK] - SEE British Petroleum Co. Ltd. [UK]							
BPC Publishing Corp. Ltd. [UK] - SEE Pergamon Holding Corp.							
BTR PLC [UK] (25) London, UK Rubber & thermoplastic products	[158]	NI	BTR Inc. Worcester Controls Corp.	Worcester Con- trols Africa (Pty.) Ltd.	NI	NI	NI
B. U. Engineering (Pty.) Ltd. - SEE Emhart Corp.							
Babalegi Processing (Pty.) Ltd. - SEE Borden Inc.							
BABCOCK INTER- NATIONAL PLC [UK] (24) London, UK Plant design & construction	[298]	NI	Babcock In- ternational Inc. Bristol Bab- cock Inc.	Babcock Controls SA	Process-control instruments & computer-based systems	NI	NI
Babcock & Wilcox Co. - SEE McDermott International Inc.							
Bache Group - SEE Prudential Insurance Co.							
Badger Co. - SEE Raytheon Co.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEHNY
BAKER INTERNATIONAL CORP. (1,3,5,19,28) Orange, CA Industrial equipment	192	pre-merger: Baker Intl.: Metropolitan Life Ins. (4%); Marsh & McLennan (3%); Envirotech: Hoesch AB [MG] (29%); Donaldson, Lufkin & Jenrette Inc. (9%)	Envirotech Corp. (ac- quired March 1982)	Elmco SA Envirotech (Pty.) Ltd. Minequip Galigher	Mining ma- chinery Mining equipment	(247) (370)	(Sales=\$57.6) (Assets=\$28.2)
			Ramsey En- gineering Co.	Ramsey Engi- neering Africa (Pty.) Ltd. Nordberg-Ramsey Africa (Pty.) Ltd.	Electronic & nuclear measurement & control instrumen- tation	(34)	(NI)
			Reed Tool	Reed Mining Tool of SA (Pty.) Ltd.	Mining tools	(55)	(Sales LT \$12.0)
						706	Sales LT \$69.6 Assets=\$28.2+
BALKINDS AGENCIES (1) Johannesburg, SA Giftware		M. Balkind [USA] (100%)		Balkinds Agen- cies (Pty.) Ltd.	Giftware	40	NI
Baltimore Aircoil Co. SA (Pty.) Ltd. - SEE Amsted Industries Inc.							
Baltimore Sun - SEE A. S. Abell Co.							
BANC ONE CORP. (6) Columbus, OH Commercial banking	B43	Banc One Group (12%); S. Schooler interests (4%)	(formerly First Banc Group of Ohio) Winters Na- tional Corp. Winters Natl. Bank & Trust Co.				\$0.1(z) 0(y)
Banca della Svizzera Italiana [Switz.] - SEE Irving Bank Corp.							
BANCROFT, JOSEPH, & SONS CO. (4) Wilmington, DE Fabric finish patents		NI		Joseph Bancroft & Sons Co. (SA) (Pty.) Ltd.	Textile licensors	NI	NI
BANDAG INC. (20,26) Muscatine, IA Rubber tire re- treading pro- ducts & equipment	582	Carver family (42%)		Bandag Inc. of SA (Pty.) Ltd. Eureka Rubber Co.	Tread rubber manufacturing	173	Sales=\$17.0
Bangor Punta Corp. - SEE Lear Siegler Inc.							
BANK OF BOSTON CORP. (6,14,15,18,27) Boston, MA Commercial banking Loan policy = N	B19	Wellington Mgmt. (3%); Bank of New York (2%)	(formerly First National Bos- ton Corp.) First National Bank of Boston International Commercial Bank PLC [UK][LT 50%; interest sold]				\$57.5(z) \$50.0(y) [Banks OWN outstanding loans=\$75.0 (3-85)]
BANK OF MONTREAL [Can.] (6,28) Montreal, Can. Commercial banking Harris loan policy = G+	[B32]/ B42	NI	Harris Bankcorp. Harris Trust & Savings Bank [Harris acquired by Bank of Mont- real, 1984; ranked # 842 in US]				\$1.4 (z) 0 (y) [Harris only] [Harris' OWN outstanding loans GT \$0.0 (3-84)]
BANK OF NEW YORK CO. INC. (28) New York, NY Commercial banking Loan policy = N,E (will loan to banks)	B26	B. Rappaport family (8%)					GT \$0.0(z) GT \$0.0(y) [Bank's OWN outstanding loans=\$11.5 (12-83)]
BANKAMERICA CORP. (6,7,9,16,28) San Francisco, CA Commercial banking BankAmerica loan policy = G+ Seafirst loan policy = N	B2	BankAmerica (7%)(M); J.P. Morgan & Co. (2%)	Bank of America NT & SA Seafirst Corp. (acquired 7-83; ranked #828 in US in 1982) Seattle-First National Bank				(\$270.3[z]) (\$84.4[y]) (\$14.0[z]) (0[y]) [Seafirst's OWN outstanding loan to SATS = NI (matures 1988)] \$284.3 (z) \$84.4 (y)

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSID/AFFILIATE	PRODUCT	SA EMPLOYEES	\$ INVOLVEMNT
BANKAMERICA CORP. (cont.)			BankAmerica Internat- ional Societe Fin- anciere pour les Pays d'Outremer [Switz.] (LT 50%)	SWABANK Ltd. [Namibia] (51%)	Commercial bank	NI	Assets=\$33.0 (1973)
			[US company claims NO direct invest- ment in Namibia or SA]				
BANKERS TRUST NEW YORK CORP. (6,7) New York, NY Commercial banking	810	Bankers Trust (7%)(M); J.P. Morgan & Co. (1%)	Bankers Trust New York Co.				\$100.0 (z) \$50.0 (y)
Loan policy = G							
Banks of Iowa Inc. - SEE First Bank System Inc.							
Banque Europeenne de Financement [Fr.] - SEE Fideicor							
BARDAHL MANU- FACTURING CORP. (24) Seattle, WA Specialty lubri- cants & additives		Bardahl family		McCarthy Indus- trial Holdings Ltd. (D?)	Special lubri- cants & additives	NI	NI
Barlow Oshkosh (Pty.) Ltd. - SEE Oshkosh Truck Corp.							
BARRINGER RESOURCES INC. (17) Golden, CO Geophysical & air pollution research, exploration, & equipment mfg.		A.R. Barringer family (40%); D.R. Clews family (9%); other offi- cers & direc- tors (8%)	(formerly Barringer Research Inc.) Barringer Research Ltd.[Can.]	Barringer Sur- veys Ltd. (jointly con- trolled with Gold Fields of South Africa [SA])	Geophysical & air pollution surveys	NI	NI
BARROW HEPBURN GROUP [UK] (4) Birmingham, UK Wholesaling & nondur- able goods mfg.		Caparo Group Ltd. [UK] (30%)	Colloids Inc.	Hodgson Extract Co.	Chemical products	NI	NI
Barton Heights (Pty.) Ltd. - SEE U.S. Gypsum Co.							
Bates, Wells, Kennedy [SA] - SEE Ted Bates Worldwide Inc.							
BAUSCH & LOMB INC. (1,3,5,19,28) Rochester, NY Optical & scienti- fic equipment	424	Marsh & McLennan (9%); Manning & Napier Advi- sors (8%); FMR Corp. (7%)		Standard Optical Co. (Pty.) Ltd. [sold, 4-82] ARlabs (Pty.) Ltd.	Optical products	(30)	NI
			Bausch & Lomb Softlens			(NI)	
						30+	
BAXTER TRAVENOL LABORATORIES (2,5,28) Deerfield, IL Pharmaceuticals	191	Falk-Graham families (4%); Na- tional Detroit Bank (3%)	Baxter Labs Inc.	SABAX (Pty.) Ltd. Keagrams (Pty.) Ltd. (40%)	Pharmaceuti- cals & health care products	886	Sales=\$34.0 Assets=\$12.9
Bayer AG [WG] (1,3,28) -- US subsidiary Miles Laboratories ceased operations in SA (including Miles Pharmaceuticals).							
BEAR, STEARNS & CO. (18,27) New York, NY Securities brokerage & investment banking		(Partnership)					\$180.6(z) \$180.6(y)
BEATRICE COS. INC. (1,3,4,5,12,19,21, 22,25) Chicago, IL Diversified food, services, & manufacturing	36/ 88	NI	Esmark Corp. [acquired 8-84; ranked #88 in US]	Playtex Africa(Pty.) Ltd.	Undergar- ments	(255)	Sales=\$7.5+ Assets=\$2.4+

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
BEATRICE COS. INC. (cont.)			STP Corp. [agreement to sell STP to Union Carbide, 4-85]	STP Corp. (SA)(Pty.) Ltd.	Petroleum products	(N1)	
			Norton Simon Inc. [acquired by Esmark, 1983; ranked #136 in US]				
			Avis Rent-a- Car Inc.	Zeda Car Rental & Tours(Avis Rent-a- Car)(45%)[sold,1982 (21)]	Car rentals		
			Max Factor & Co.	Max Factor & Co. [sold,1982(21)]	Cosmetics		255+
BECHTEL GROUP INC. (1,3) San Francisco, CA Engineering & construction	P5	Bechtel family (40%); Bechtel Group execu- tives (60%, non- voting)	Bechtel Power Corp. (See also: Dillon, Read & Co.)	International Bechtel Inc.	Engineering, construction, & consulting	35	NI
Beckman Instruments Inc. - SEE SmithKline Beckman Corp.							
BECOR WESTERN INC. (1,3,28) Milwaukee, WI Industrial & farm equipment	434	Pioneer Group (5%)	(formerly Bucyrus- Erie Co.)	Bucyrus (Africa) (Pty.) Ltd.	Mining machinery sales	20	NI
Becton, Dickinson & Co. (1,28) -- CLOSED SA sales office, 1982							
Beech Aircraft - SEE Raytheon Co.							
Beech-Nut Inc. - SEE Nabisco Brands Inc.							
BEECHAM GROUP PLC [UK] (25) Brentford, UK Pharmaceuticals, cosmetics, & food & house- hold products	[166]	NI	Beecham Inc. J.B. Wil- liams Co. Inc.	J.B. Williams (SA) (Pty.) Ltd.	NI	NI	NI
Beler Albany Co. [SA] - SEE Albany International Corp.							
Bell Agencies (Pty.) Ltd. - SEE Bethlehem Steel Corp.							
BELL & HOWELL CO. (1,3,25,28) Chicago, IL Measuring, scien- tific & photo- graphic equip- ment	379	U.S. Steel (5% (M)); BEA Assocs. (4%)		Bell & Howell (SA) (Pty.) Ltd. Micrographix (Pty.) Ltd.	Microfilm products & electronic instruments	122	Sales LT \$7.5
Bellanca (Pty.) Ltd. - SEE Thermo Electric Co. Inc.							
BELOIT CORP. (24) Beloit, WI Paper-making machinery manufacturing		Neese family		Milgro Engineer- ing (Pty.) Ltd. (B?)	Paper-making, stock-prep- aration, & moulding machines	NI	NI
Bendix Corp. - SEE Allied Corp.							
Benoni Mineral Water Works (Pty.) Ltd. - SEE R. J. Reynolds Industries Inc.							
Berenberg (Joh.), Gossler & Co. [W6] - SEE CoreStates Financial Corp.							
Berk Pharmaceuticals SA (Pty.) Ltd. - SEE Revlon Inc.							
Berkshire International - SEE VF Corp.							
Bestobell Engineering SA Ltd - SEE IC Industries.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
BETHLEHEM STEEL CORP. (4,13,16,28) Bethlehem, PA Metal manufacturing	69	J.P. Morgan & Co. (8%) (M); Capital Group (5%)	Ebco Mining Corp.	Bell Agencies (Pty.) Ltd. Nordex JV (60%; sold interest, 1982) [Namibia] (see also Nord Resources)	Steel products distribution Minerals development [Namibia] (mine closed, 1981 [16])	NI	NI
Big Dutchman SA (Pty.) Ltd. - SEE Hanson Trust PLC [UK]							
BILLINGTON, FOX & ELLIS INC. (24) Chicago, IL Executive recruitment services		Billington, Fox, & Bump families	Billington, Fox & Ellis Intl.	Executive Services (Pty.) Ltd.	Executive recruitment consulting	NI	NI
Bima Cosmetics (Pty) Ltd. - SEE Sara Lee Corp.							
BINKS MANUFACTURING CORP. (24) Franklin Park, IL Paint-spraying & coating equipment mfg.	879	Roche family (28%)		Walter McNaughtan (Pty.) Ltd.	Spray guns & equipment & oil/water tractor hose	NI	NI
Bios Laboratories (Pty.) Ltd. - SEE Flow General Inc.							
Black Clawson Co. (1,3,28) - SA subsidiary (Black Clawson Ltd.) inactive, 1984; SEE ALSO Parsons & Whittemore Inc.							
BLACK & DECKER CORP. (1,2,22) Baltimore, MD Industrial & farm equipment	265	General Electric (6%); Manufacturers Hanover Trust (3%); N.Y. State Teachers Ret. Fund (3%)	(formerly Black & Decker Manufacturing Co.)	Black & Decker SA (Pty.) Ltd. Woermann Brock & Co. [Nam.]	Power tools Marketing or franchising	63	NI
Black Mountain Mineral Development Co. (Pty.) Ltd. - SEE Phelps Dodge Corp.							
Blackwood-Hodge SA (Pty.) Ltd. - SEE Penn Central Corp.							
Blane & Co. (Pty.) Ltd. - SEE Norton Co.							
Bleichroder, Arnhold & S. - SEE Arnhold & S. Bleichroder Co.							
Blisa Inc. - SEE Bristol-Myers Co.							
Blue Bell Inc. (1,3,9,28) - SOLD all SA operations (including Blue Bell Wrangler (Pty.) Ltd.), 1-85							
Blyth Eastman Dillon & Co. - SEE PaineWebber Group Inc.							
Bobas Implements (Pty.) Ltd. - SEE Deere & Co.							
BOEING CO. (1,3) Seattle, WA Aerospace & military	27	Capital Group (4%); Prudential Insurance (2%)		Boeing Intl. Corp.	Boeing activities coordination	3	Sales = \$141.1 [1982]
Bomag (Pty.) Ltd. - SEE Canadian Pacific Ltd. [Can.]							
BOOZ, ALLEN & HAMILTON INC. (4) New York, NY Management consulting		NI		Booz, Allen & Hamilton	Management consultants	NI	NI
BORDEN INC. (1,3,5,28) New York, NY Food	85	Teledyne (5%); Batterymarch Financial Management (5%)		Borden (Pty.) Ltd. Borden Foods (Pty.) Ltd. Babalegi Processing (Pty.) Ltd. Resinite SA (Pty.) Ltd.	Milk & chemical products	338	Sales LT \$22.0 Assets LT \$14.0
BORG-WARNER CORP. (1,3,20,28) Chicago, IL Motor vehicle equipment	106	Northern Trust Co. (10%)(M); R. Bosch GmbH [WG] (10%)		Borg-Warner SA (Pty.) Ltd. (60%)	Auto parts & services	958	Sales = \$63.0 Assets = \$29.0

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
BORN INC. (4) Tulsa, OK Industrial furnaces		Born family		Born Africa	Industrial heaters	NI	NI
Bostik (Pty.) Ltd. - SEE Emhart Corp.							
BOURNS INC. (24) Riverside, CA Electronic components & electro-optical & photographic equipment		Bourns family		Associated Electronics (Pty.) Ltd. (D?)	Precision lenses & potentiometers, & circuits	NI	NI
Bowl-Op SA (Pty.) Ltd. - SEE AMF Inc.							
Bowring Barclays & Associates (SA) Ltd. - SEE Marsh & McLennan Cos.							
BOYDEN ASSOCIATES INC. (24) New York, NY Executive placement consulting		C. Menk Family		Johannesburg Tom King	Executive selection consulting	NI	NI
BRADLEY CORP. (25) Menominee Falls, WI Plumbing & safety equipment mfg.		NI		Bradley Wash Fountain Co. of SA (Pty.) Ltd. (LT 50%)	NI	NI	NI
Braun, C. F., & Co. - SEE Kuwait Petroleum Corp. [Kuwait]							
BRILUND LTD. (16) Dumont, NJ Petroleum & minerals exploration		E. Rosenblat family (28%)		Etosha Petroleum (Pty.) Ltd. [Namibia]	Oil, gas, & minerals exploration	NI	NI
Bristol Babcock Inc. - SEE Babcock Intl. PLC [UK]							
BRISTOL-MYERS CO. (1,3,24,25,28) New York, NY Pharmaceuticals	93	National Detroit Bank (2%); Fifth Third Bank (2%)	Bristol-Myers International Division Blisa Inc.	B-M Group (Pty.) Ltd. Bristolabs (Pty.) Ltd. B.L. Pharmaceuticals (Pty.) Ltd.	Toiletries & pharmaceuticals [also in Namibia]	346	Sales = \$22.3 Assets = \$14.2
Bristolabs (Pty.) Ltd. - SEE Bristol-Myers Co.							
BRITISH PETROLEUM CO. PLC [UK] (1,3,5,17,22,28) London, UK Petroleum refining	[2]/ 25	UK Government (25%); Bank of England [UK] (20%)	Standard Oil Co. of Ohio (53%)(ranked #25 in US) Kennecott Corp. QIT-Fer et Titane Inc. [Can.] (100%) (formerly Quebec Iron & Titanium) Tirbit VOF [Neth.] Sohio Industrial Products Co. (SIPCO) Carborundum Co.	Richards Bay Minerals (43%) Richards Bay Iron & Titanium (Pty.) Ltd. Tisand (Pty.) Ltd. Kennecott SWA (Pty.) Ltd. Carborundum-Universal SA (Pty.) Ltd. [50%; sold to Murray & Roberts [SA], 10-84]	Ilmenite & other sand minerals (rutile, zircon) production Oil exploration [Namibia] Abrasives	1,510	Sales=\$90.0 Assets=\$337.0 (1982)
British Printing & Communication Corp. [UK] - SEE Pergamon Holding Corp.							
British United Shoe Machinery (SA) (Pty.) Ltd. - SEE Emhart Corp.							
BROKEN HILL PROPRIETARY CO. LTD. [Aust.] (1,3,5,19,24) Melbourne, Australia Diversified industrial & minerals producer	[102]	NI	Utah International Inc. (LT 50%; acquired from General Electric, 4-84)	Inter-Mountain Mining Co. Southern Sphere Mining & Development Co. (Pty.) Ltd. Southern Sphere Uranium (Pty.) Ltd.	Mining & exploration	135	NI
Brown Bros. Harriman & Co. (6,7) - SOLD its 21% interest in Brown Harriman & Intl. Banks Ltd. [UK] (including Fleming Suez Bros. Ltd) to two French banks, 1977							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Brown, David, Tractors SA (Pty.) Ltd. - SEE Tenneco Inc.							
BROWN, JOHN, PLC [UK] (25) London, UK Engineering & construction, & equipment mfg.	[400]	Prudential Corp. [UK] (7%)	John Brown Group Inc. Crawford & Russell Inc. Crawford & Russell B.V. [Neth.]	Crawford & Russell (SA) (Pty.) Ltd.	NI	NI	NI
Browning Mining (Pty.) Ltd. - SEE Armco Steel Corp.							
BRUNSWICK CORP. (4) Skokie, IL Sporting goods & toys	260	Shearson Lehman Bros. (6%)	Ozite Corp.	Dunlop Ozite (Pty.) Ltd. (D?)	Carpets	NI	NI
Bubble Packaging (Pty.) Ltd. - SEE Sealed Air Corp.							
Buck, Leonard J., & Co. (1,28) -- CLOSED SA Subsidiary (L. J. Buck Shipping), 1982							
BUCKMAN LABORATORIES INC. (1,3) Memphis, TN Chemicals		NI		Buckman Labs. (Pty.) Ltd.	Industrial chemicals	28	NI
Buckner Industries Inc. - SEE Manville Corp.							
Bucyrus-Erie Co. - SEE Becor Western Inc. [renamed]							
Budget Rent-a-Car Corp. - SEE Transamerica Corp.							
Buffelshoek Mining & Exploration (Pty.) Ltd. - SEE Mobil Corp.							
Bulova Watch Co. - SEE Loews Corp.							
BUNDY CORP. (1,3) Detroit, MI Metal manufacturing	856	Andersen Family (30%)		Bundy Tubing Co. SA (Pty.) Ltd. (LT 50%; majority owned by Intl. Pipe & Steel[SA])	Auto & refrigeration tubing	200	NI
BURLINGTON INDUSTRIES INC. (4) Greensboro, NC Textiles & vinyl flooring	133	Wachovia Bank (14%)(NI); Bank of Boston (5%)		Burlington Hosiery Mills (SA) Ltd.	Women's hosiery	NI	NI
BURNETT, LEO, INC. (4) Chicago, IL Advertising	Ad8	NI		Leo Burnett L.P.E. (Pty.) Ltd.	Advertising	NI	NI
Burnham & Co. - SEE Draxel Burnham Lambert Inc.							
BURROUGHS CORP. (1,3,22,28) Detroit, MI Office equipment & computers	82	Prudential Insurance (3%); Manufacturers Hanover Trust (3%)	Memorex Corp.	Burroughs Machines Ltd. [also in Nam.] Memorex (Pty.) Ltd.	Computers & business machines Computer media & equipment	(563) (NI) 563	Sales = \$120.0 Assets (imputed est. market capitalization) \$T \$150.0 (28)
Busby, D. W. (1,5,28) - US subsidiary (Subterranean Equipment Co.) SOLD SA subsidiary, 1982							
Bush Boake Allen Ltd. [UK] - SEE Union Camp Corp.							
Business Week - SEE McGraw-Hill Co.							
BUTTERICK CO. INC. (1,2,3,5,28) New York, NY Dress pattern & sewing-book marketing		(Management)	[Management buyout from American Can Co., 8-83] Butterick Fashion Marketing Co.	Butterick Fashion Marketing SA (Pty.) Ltd.	Wholesale paper patterns distribution	44	Sales LT \$45.0

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
CBI INDUSTRIES (1,3,5,28) Chicago, IL Metal products	337	Horton family (6%); Trees family (6%)	Chicago Bridge & Iron Co.	CBI Constructors SA (Pty.) Ltd.	Metal structure fabrication & construction	500	NI
CBS INC. (1,3,5,25,28) New York, NY Broadcasting & movie produc- tion	S10	Paley family (7%); State St. Research (7%); Fayed Sarofim (4%); I. Roesty assoc. (4%); Proposed buyout by Ted Turner, 4-85	(formerly Columbia Broadcasting System) CBS News CBS Inter- national Inc.	CBS News Gramophone Record Co. (Pty.) Ltd. (50%) April Music Publishing Co. (Pty.) Ltd. (50%)	News gather- ing Records & tapes Sheet music	(6) 46	Sales LT \$18.3 (1982) Assets = \$0.5 (1983)
CD Products Ltd. - SEE R. J. Reynolds Industries Inc.							
C-H Truck Components - SEE Eaton Corp.							
CIC-Warner (Pty.) Ltd. - SEE Warner Communications Inc.							
CIGNA CORP. (1,3,28) New York, NY Insurance Loan policy = 6	F4	Pre-merger: Conn. Genl.: Capital Group (5%); J.P. Morgan & Co. (4%); INA: Kirby family group (4%); Natl. Detroit Bank (4%)	(INA Corp. merged with Con- necticut General In- surance [ranked #18 in US]) AFIA World- wide Insur- ance (for- merly Amer- ican Foreign Insurance Assn.) [ac- quired 2-84] Crusader In- surance PLC [UK] [acquired from Marsh & McLennan and American Express, 10-83]	CIGNA Insurance Co. SA Ltd. (merger of INA Insurance Co. Ltd. with AFIA's Monarch SA In- surance) Crusader In- surance Co. (74%)	Insurance & claims settling Insurance	(113) (NI)	(Sales=\$38.0) (Assets=\$29.0) (NI)
						113+	Sales GT \$38.0 Assets GT \$29.0
CIM-Deltak [SA] - SEE Gulf + Western Industries Inc.							
COC (Pty.) Ltd. - SEE International Minerals & Chemicals Corp.							
CPC INTERNATIONAL INC. (1,3,19,28) Englewood Cliffs, NJ Food	90	Phibro-Sal- omon (3%); Manufacturers Hanover Trust (3%); Shearson Lehman Bros. (2%)	Corn Products Co. SA (Pty.) Ltd. Robertsons (Pty.) Ltd.	Caramel color manu- facturing Food & in- secticides	(4) (930)	934	Sales LT \$80.0 Assets LT \$50.0
CTI-Container Transport Intl. (SA) (Pty.) Ltd. - SEE Geico Corp.							
Calcomp Intl. Div. - SEE Sanders Associates Inc.							
Coldwell (Pty.) Ltd. - SEE Erica Products Inc.							
California Computer Products Inc. - SEE Sanders Associates Inc.							
Caltex Petroleum/Caltex Oil (SWA) (Pty.) Ltd. - SEE Chevron Corp. AND Texaco Inc.							
Cam Chrome Mines (Pty.) Ltd. - SEE Armco Steel Corp.							
Cam TRW SA (Pty.) Ltd. - SEE TRW Inc.							
Campbell-Ewald (Pty.) Ltd. - SEE Interpublic Group of Cos. Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Canada Dry Corp. - SEE R. J. Reynolds Industries Inc.							
CANADIAN PACIFIC LTD. [Can.] (1,3,25) Montreal, Can. Diversified transportation & manufacturing company	[34]	Caisse de Depot et Placement du Quebec [Can.] (10%)	AMCA Intl. Ltd. [Can.] (52%) Koehring Co.	Mabo Holdings (Pty.) Ltd. Bomag (Pty.) Ltd. Abtan Property Holdings (Pty.) Ltd.	Construction equipment assembly	50	NI
Carbographite Ltd. [SA] - SEE Union Carbide Corp.							
CARBONE LORRAINE [Fr.] (4) Paris, France Chemicals & electrical equipment		Pechiney Ugine Kuhlmann [Fr. govt.] (35%); Morgan Crucible Co. Ltd. [UK] (34%)	Carbone Lorraine Industries Corp.	Le Carbone (South Africa) (Pty.) Ltd.	Carbon brushes & chemicals	NI	NI
Carborundum Co. - SEE British Petroleum Co. PLC [UK]							
Cardkey Systems Inc. - SEE Fairchild Industries Inc.							
Carlton Hotel - SEE UAL Inc.							
Carlton Paper Corp. Ltd. - SEE Kimberly-Clark Corp.							
CARMAN INDUSTRIES INC. (19) Jeffersonville, IN Conveyor equipment manufacturing		NI		Carman Industries SA (Pty.) Ltd.	Vibrating feeders	40	NI
Carnation Corp. - SEE Nestle S.A. [Switz.]							
Carrier Corp. - SEE United Technologies Corp.							
CARTER-WALLACE INC. (4) New York, NY Soaps & cosmetics	716	Hoyt family (52%)		Carter-Wallace (South Africa) Ltd. [Distributor in which US company claims no ownership]	Pharmaceuticals	NI	NI
CASCADE CORP. (1,3,28) Portland, OR Industrial equipment		Swigert-Warren family (20%); R.W. deWeese family (8%)		Cascade Corp. (Africa) (Pty.) Ltd.	Forklift attachments	8	NI
Case, J. I., International - SEE Tenneco Inc.							
CATERPILLAR TRACTOR CO. (1,3,28) Peoria, IL Farm & construction equipment	64	First National Bank of Chicago (8%) (M); Manufacturers Hanover Trust (3%)		Caterpillar (Africa) (Pty.) Ltd.	Tractor parts	76	Sales = \$86.0 Assets = \$22.0
CELANESE CORP. (1,3,28) New York, NY Chemicals	122	Bankers Trust (21%) (M); Capital Group (10%)	Stein Hall & Co. Inc.	Stein Hall SA (Pty.) Ltd. (50%)	Mining chemicals, filter aids, guar gum products, & food additives	50	Sales = \$6.7 Assets = \$5.5
Central National Chicago Corp. - SEE Exchange International Corp.							
CENTRAN CORP. (6) Cleveland, OH Commercial banking		Centran (9%); Cleveland Trust (2%) (Marine Midland Banking Inc. has option on 37.5% of stock) [To be acquired by Society Corp., 1985]	Central National Bank of Cleveland				\$16.7 (z) \$4.6 (y)
Chamberlain's (Pty.) Ltd. - SEE Warner-Lambert Co.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
CHESEBROUGH-POND'S (cont.)			Stauffer Chemical Co. [acquired 3-85; ranked #249 in US]	Stauffer Chemical SA	Chemicals, plastics, & food ingredients sales, & herbicide mfg.	(38) 567+	(Sales=\$6.0) (Assets=\$2.3) Sales=\$34.0+ Assets=\$16.3+
CHEVRON CORP. (1,3,4,16,25,28) San Francisco, CA Petroleum refining	9/ 11	Midland Bank Group [UK] (11%)(M); Rockefeller family (2%)	(formerly Standard Oil Co. of Calif.) Caltex Petroleum Corp. (50%) (see also Texaco Inc.) Eastern Hemisphere Insurance (1973) Ltd. [Ber.] Gulf Corp. (acquired 7-84; ranked #11 in US)	Caltex Oil (South Africa) (Pty.) Ltd. South African Oil Refining Co. (Pty.) Ltd. (34%) Caltex Oil (S.W.A.) (Pty.) Ltd. Gulf Eastern Co. (may no longer be operating in SA)	Petroleum products [also in Namibia] NI Oil exploration	(2,151) (NI) (NI)	Sales=\$500.0 Assets=\$334.0 2,151+
Chicago Bridge & Iron - SEE CBI Industries							
CHICAGO PNEUMATIC TOOL CO. (1,3,28) New York, NY Industrial equipment	482 (1982)	V. Posner family (14%); J.P. Morgan & Co. (10%); Bankers Trust (3%)(M)	Chicago Pneumatic Holdings Ltd. [UK] Consolidated Pneumatic Tool Co. Ltd. [UK]	Consolidated Pneumatic Tool Co. SA (Pty.) Ltd.	Compressed air products manufacturing & imports	138	Sales=\$8.1 Assets=\$5.2
CHLORIDE GROUP PLC [UK] (24) London, UK Batteries & electrical equipment & systems		NI	Chloride Inc.	Chloride Holdings SA Ltd. (50%)	Batteries, & lighting & power & fire-protection systems	NI	NI
Christensen Inc. - SEE Norton Co.							
CHRISTIAN SCIENCE MONITOR (1,3) Boston, MA Newspaper		NI			News gathering	1	NI
Chrome Corp. SA (Pty.) Ltd. - SEE Union Carbide Corp.							
Chrysler Corp. (1,3,21,25) - SOLD SA interests (Sigma Motor and Stanley Motors), 3-83.							
Cinema International Corp. SA - SEE MCA Inc.							
Circle Freight Intl. SA (Pty.) Ltd. - SEE Harper Group							
CITICORP (1,3,5,6,7,8,10,15,18,22,26,27,28) New York, NY Commercial banking Loan policy = G	B1	J.P. Morgan & Co. (4%); Bank of Boston (3%)	Citibank (formerly First National City Bank of New York) Diners Club Inc. Grindlays Bank PLC [UK] (49%; sold to ANZ Bank[Aust.], 9-84)(majority held by Grindlays Holdings Ltd. [UK])	Citibank N.A. Ltd. Diners Club SA (Pty.) Ltd. (19%)(34% held by Standard Chartered Bank [SA])	Commercial banking [also in Namibia] Charge cards	(220) (91)	Deposits=\$144.6 Assets=\$0.2(28) Capital=\$6.95 (26) \$2,623.0(z) \$1,594.7(y)
Cities Service Co. - SEE Occidental Petroleum Co.							
CITIZENS & SOUTHERN GEORGIA CORP. (6) Atlanta, GA Commercial banking Loan policy = C	B45	Citizens & Southern Ga. Bank (7%)(M); U.S. Steel (4%)(M)	(renamed; formerly Citizens & Southern National Bank)				\$8.1(z) 0(y)

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
City Investing Co. - SOLD Rheem Manufacturing to private group, 12-84; SEE Rheem Manufacturing Co.							
City National Bank of Detroit - SEE First American Bank Corp.							
CLARK EQUIPMENT CO. (2,4,5,9,28) Buchanan, MI Industrial & farm equipment	327	Volvo BM AB [Sweden] (10%); Daimler-Benz [WG] (5%); Mellon National Bank(5%); Prudential Insurance (5%)	Clark Inter- national Euclid Inc. {acquired from Daimler- Benz [WG], 1-84}	Premier Metal Holdings Co. Ltd. [Sold SA in- terest (5)] Euclid SA (Pty.) Ltd.(28)	Construction & mining equipment Mining & construction trucks	4	NI
CLEVEPAK CORP. (22) White Plains, NY Packaging, indus- trial, & building products	614	Directors/ officers (40%)	Interpace Corp. {acquired 8-83; ranked #614 in U.S. in 1982}		Engineering [Namibia]	NI	NI
Clevetrust Corp./Cleveland Trust - SEE Ameritrust Corp.							
Climber Power Equipment (Pty.) Ltd. - SEE Dana Corp.							
Coastal Fluorspar Holdings (Pty.) Ltd. - SEE Phibro-Salomon Inc.							
COCA COLA CO. (1,3,5,22,25,28) Atlanta, GA Beverages	48	Woodruff fam- ily (19%); Trust Co. of Georgia (4%)(M)		Coca-Cola Export Corp. Paradise Bev. [Nam.] Amalgamated Bev- erage Industries (ABI) (51%) Letaba Citrus Pro- cessors (Pty.) Ltd. Columbia Pictures Indus- tries Inc.	Soft drinks Columbia Pictures Television (Pty.) Ltd.	(NI) (4,309) (456) (NI) (NI)	Sales = \$260.0+ Assets = \$60.0+ 4,765+
COGSILL TOOL PRODUCTS INC. (24) Camden, SC Roller burnishing & deburring tool mfg.		Walters family		Julius Epstein Ltd.	Roller burnish- ing machines & tools	NI	NI
COLGATE-PALMOLIVE CO. (1,3,5,20, 22,25,26,28) New York, NY Soap & cosmetics	72	Rubinstein family (3%); Citicorp (3%)(M)	Kendall Co. Intl. Div. Riviana Intl. Inc. Riviana Foods Inc.	Colgate-Palmolive Ltd. [also in Namibia] Kendall Co. South Africa (Pty.) Ltd. Riviana-Simon (Pty.) Ltd. S. Weinstein & Co. (Pty.) Ltd. Abbeville (Pty.) Ltd. Henkel SA consumer products div.	Detergents, toiletries, household products Hospital supplies Rice mill- ing Detergent	(NI) (679) (555) (NI)	[Sales=\$48.3[1977]] (Assets=\$18.3[1977]) Sales GT \$64.1 Assets GT \$18.3
Collier, P. F., Inc./Collier Macmillan - SEE Macmillan Inc.							
Collins Radio - SEE Rockwell International Co.							
Colloids Inc. - SEE Barrow Hepburn Group [UK]							
COLT INDUSTRIES (4) New York, NY Metal manufacturing	219	Teledyne (9%); Capital Group (9%)	Colt Indus- tries Op- erating Corp. [for- merly Fair- banks Morse Inc.]	Fairbanks Morse International	Diesel en- gines & industrial pumps	NI	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Columbia Broadcasting System - SEE CBS Inc.							
Columbia Pictures Industries Inc. - SEE Coca-Cola Co.							
COLUMBUS MCKINNON CORP. (1,3) Tonawanda, NY Industrial equipment		NI		McKinnon Chain SA (Pty.) Ltd.	Chain, chain hoists, & attachments	438	Sales = \$9.0
COMBUSTION ENGINEERING INC. (1,4,5,19,24) Stamford, CT Industrial equipment	129	CBT Corp. (9%) (M); J.P. Morgan & Co. (4%)		Combustion Engineering (Africa) (Pty.) Ltd. Algoa Oil & Pipeline Services (Pty.) Ltd.	Boilers & pulverizers	(NI)	NI
			Taylor Instrument Co. [acquired from Sybron Corp., 10-83]	Taylor Instrument (Pty.) Ltd.	Process control instruments	(26)	
						26+	
COMPUTER SCIENCES CORP. (1,3,20) El Segundo, CA Computers	577	Roy Nutt family (8%)		Computer Sciences (Pty.) Ltd. (20%) (controlled by Anglo American Corp. [SA])	Computer equipment & systems development	550	Sales = \$15.0
Condor Oil (Pty.) Ltd. - SEE Mobil Corp.							
Connell Brothers Co. - SEE Wilbur-Ellis Co.							
Conoco Inc. - SEE E. I. duPont de Nemours & Co.							
Consol Ltd. - SEE Owens-Illinois Inc.							
Consolidated Foods Corp. - SEE Sara Lee Corp. [renamed]							
Consolidated Mining & Industries [Pan.] - SEE Anglo American Corp. of SA Ltd.							
Consolidated Pneumatic Tool Co. - SEE Chicago Pneumatic Tool Co.							
Construction Insurance Advisers (Pty.) Ltd. - SEE Corroon & Black Corp.							
Container Leasing SA (Pty.) Ltd. - SEE Gelco Corp.							
Continental Corp. (4,22,28) - SOLD holdings in insurance in SA affiliate (Phoenix Assurance), 1984							
CONTINENTAL GRAIN CO. (1,3,28) New York, NY Grain trading	P2	Fribourg family [US/Fr./Switz.] (90%)		Continental SA	Grain exporting	5	NI
CONTINENTAL ILLINOIS CORP. (6,7,27,28) Chicago, IL Commercial banking Loan policy = Ch	88	U.S. Government (FDIC) (80%)	Continental Illinois National Bank & Trust Co.				\$327.0+(z) \$170.2+(y) [Bank's OWN outstanding loans=\$315-420.0(12-83)]
Continental Leaf Tobacco SA (Pty.) Ltd. - SEE Universal Leaf Tobacco Co. Inc.							
CONTROL DATA CORP. (1,3,20,26,28) Minneapolis, MN Computers	76	J.P. Morgan & Co. (10%); Citicorp (4%)		Control Data (Pty.) Ltd.	Computer marketing & computer services	(313)	(Sales LT \$19.0) (Assets=\$44.0)
				Interdata (20)	Information systems purchases & sales	(NI)	(NI)
				Intell' (40%) (26)		313+	Sales LT \$19.0+ Assets=\$44.0+
Control Specialists (Pty.) Ltd. - SEE Monsanto Corp.							
Conwit Mining Co. (Pty.) Ltd. - SEE Armco Steel Corp.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
COOPER INDUSTRIES (1,3,5,22,28) Houston, TX Industrial & farm equipment	190	Fayez Sarofim & Co. (7%); Prudential Insurance (5%)	Gardner- Denver Co.	Gardner-Denver Africa (Pty.) Ltd.	Mining & con- struction equipment [also in Nam.]	153	Sales = \$11.0 Assets = \$12.0
COOPER LABORATORIES INC. (20) Palo Alto, CA Pharmaceuticals & medical & dental equipment	476	P. Montgomery & assoc.(30%); I. Boesky & assoc. (4%)	CooperCare Inc.	Cooper Labora- tories (SA) (Pty.) Ltd.	Pharmaceuticals	21	NI
COOPERS & LYBRAND (9,24,28) New York, NY Accounting	A3	Partnership	Coopers & Lybrand Intl.	Coopers & Lybrand Intl. [US company claims no owner- ship in SA Company]	Accounting & auditing	NI	NI
CORESTATES FINANCIAL CORP. (6,7,17,18, 27,28) Philadelphia, PA Commercial banking Loan policy = N (except will loan to SA banks)	B34	Pre-merger: Phila. Natl.: Wellington Management (7%); First Pennsylvania Corp. (4%)	(Merger of Phila. Natl. with Natl. Central Finan- cial Corp., 1983.) Philadelphia National Bank Joh. Berenberg, Gossler & Co. [WG] (15%)				\$128.7(z) \$120.5(y) (chiefly through Berenberg, Gossler) [CoreState's OWN outstanding loans=\$20.7 (12-83)]
Corn Products Co. - SEE CPC International Inc.							
CORNING GLASS WORKS (1,3) Corning, NY Glass products & other equipment	217	Houghton fam- ily (30%); State Farm Mutual Ins. (5%)	Dow Corning Corp. (50%) [also see entry for Dow Corning] (see also Dow Chemical Co.)	Dow Corning Africa (Pty.) Ltd.	Silicone pro- ducts sales	8	Sales LT \$3.0
CORROD & BLACK CORP. (24,25) New York, NY Insurance brokerage		Directors/ officers (11%)	Minet Hold- ings PLC [UK] (20%) Minet Inter- national Ltd. [UK]	Construction In- surance Advisers (Pty.) Ltd. Minet (SA) (Pty.) Ltd. [has 45 sub- sidiaries & affi- liates in SA; se- lected subsi- diaries listed below:] AIDEC Group (Pty.) Ltd. Risk Consulting (Pty.) Ltd. Transkei Insurance Brokers Ltd. Windhoek Insurance Brokers (Pty.) Ltd. [Nam.] (LT 50%)	Insurance bro- kerage & services	NI	NI
Coty - SEE Pfizer Inc.							
COULTER ELECTRONICS INC. (1) Hialeah, FL Medical & chemical equipment		NI		Coulter Electron- ics SA (Pty.) Ltd.	Medical & scientific equipment	30	NI
Coutinho, Caro & Co. [WG/UK] - SEE McDermott International Inc.							
Crane Co. (4,28) - SA subsidiary (Crane-Glenfield) ceased operations, 1978.							
Crane Packing Co. - SEE Houdaille Industries Inc.							
Crawford & Russell Inc. - SEE Brown, John, PLC [UK]							
Cremark Chemicals (Pty.) Ltd. - SEE Chemed Corp.							
Crocker National Corp. - SEE Midland Bank PLC [UK]							
Cross & Latimer (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.							
CROWN CORK & SEAL CO. (1,3) Philadelphia, PA Metal products	254	Donnelly family (19%); Tele- dyne (8%)		Crown Cork Co. SA (Pty.) Ltd.	Cans, corks, & bottling machinery	525	Sales GT \$1.5

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Crusader Insurance PLC [UK] - SEE CIGNA Corp.							
CUMMINS ENGINE CO. (1,3,28) Columbus, IN Motor vehicle equipment	216	Miller family (10%); Pioneer Group (5%)		Cummins Diesel International [distributor; US company has no ownership]	Diesel engine sales	3	Sales = \$0.007
Curachem [SA] - SEE Rohm & Haas Co.							
Curtiss-Wright Corp. - SEE Teledyne Inc.							
Cuticura SA (Pty.) Ltd. - SEE Greyhound Corp.							
Cutler-Hammer Inc. - SEE Eaton Corp.							
Cyanamid International Development Corp. - SEE American Cyanamid Co.							
DHJ Industries - SEE Dominion Textile Inc. [Can.]							
DNE Co. - SEE Fairchild Industries Inc.							
Daimler-Benz AG [WB] - Sold Euclid Inc. to Clark Equipment Co., 1-84							
Daly, W., & Son (Pty.) Ltd. - SEE Royal Crown Companies Inc.							
DAMES & MOORE (1,3,28) Los Angeles, CA Engineering & consulting		(Partnership)		Dames & Moore (50%)	Environmental & engineering consulting	15	Sales LT \$0,7
DANA CORP. (5,23,28) Toledo, OH Motor vehicles & power equipment	139	Dana family (5%); Manu- facturers Hanover Trust (4%)	Warner Elec- tric Brake & Clutch Co. [acquired 2-85; ranked #896 in US(1982)]	Warner Elec- tric SA (Pty.) Ltd. Climber Power Equipment (Pty.) Ltd. [sold, 2-84]	Electromagnetic clutches & brakes Power transmis- sion equipment distribution	4	Sales = \$0.6 Assets = \$0.1
D'ARCY-MacMANUS & MASIUS WORLDWIDE INC. (1,3,28) New York, NY Advertising	Ad12	NI Agreement to merge with Benton & Bowles, 6-85	D'Arcy MacManus & Masius Inc.	D'Arcy-MacManus & Masius (SA) (Pty.) Ltd.	Advertising & marketing	101	Sales = \$25.0 Assets = \$1.8
DARMEK INC. (2) Roslyn, NY Lubricants		NI		Darnex (Pty.) Ltd.	Synthetic lub- ricants	28	NI
DART & KRAFT INC. (1,2,3,28) Northbrook, IL Food & pharma- ceuticals	33	Teledyne (3%); Thorndike Doran Paine & Lewis (2%)	Duracell Div. (formerly Mallory Int'l.) Tupperware Home Parties Div. Rexall Drug Div. Kraft Inc.	Duracell SA (Pty.) Ltd. Tupperware SA Rexall (Pty.) Ltd. (2) Dart Indus- tries (Pty.) Ltd.	Primary cells & batteries Household containers Pharmaceuti- cals & toiletries	(42) (NI) (158)	Sales = \$25.0 Assets = \$16.0
						200+	
David Brown Tractors SA (Pty.) Ltd. - SEE Tenneco Inc.							
DAVY CORP. [UK] (4,22) London, UK Engineering & construction		Prudential Corp. Ltd. [UK] (8%)	Davy McKee Corp. (for- merly McKee & Co.)	Western Knapp Engineering Co. A.G. McKee & Co. [Nam.]	Engineering contractors Raising ura- nium mine devt. [Nam.]	NI	NI
Dean Witter Reynolds Organization - SEE Sears, Roebuck & Co.							
Deblyn Investments (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Debs-Vogue (Pty.) Ltd. - SEE Johnson & Johnson Co.							
Decorative Boards (Pty.) Ltd. - SEE Formica Corp.							
DEERE & CO. (1,3,5,19,22,28) Moline, IL Farm equipment	92	Moline National Bank (5%); Deere-Hewitt family (4%)	John Deere	John Deere (Pty.) Ltd. John Deere Tractors Ectar [Nam.] Bobas Implements (Pty.) Ltd.	Farm equipment & diesel engine manufacturing	490	Sales = \$43.0 Assets LI \$58.0
Defy Industries Ltd. - SEE General Electric Co.							
Del Monte Corp. - SEE R. J. Reynolds Industries							
Delcan, Deleuw Cather Canada Ltd./Delcan Intl. [Can] - SEE Parsons Corp.							
DeLeuw, Cather & Co. - SEE Parsons Corp.							
DELOITTE, HASKINS & SELLS (3,28) New York, NY Accounting	A7	(Partnership)		Deloitte, Haskins & Sells [US company claims no ownership in SA company]	Accounting	NI	NI
Beltak Inc. - SEE Gulf + Western Industries Inc.							
DENTSPLY INTERNATIONAL INC. (20) York, PA Medical & dental equipment	695	Wholly owned by management and employee stock ownership fund		P. Grant Smith (Pty.) Ltd.	NI	NI	NI
Denver Equipment Co. - SEE Joy Manufacturing Co.							
Derby & Co./Derby Metals & Minerals - SEE Phibro-Salomon Inc.							
Development Promotions [SA] - SEE Eastern Air Lines Inc.							
Devers, A. F. H., (Pty.) Ltd. - SEE Foxboro Co.							
DIAMOND SHAMROCK CORP. (23,28) Dallas, TX Oil, gas, coal, & industrial chemicals production	89	T. Rowe Price & Assoc. (6%); Ameritrust (3%)(M); V. deNova family (2%)	Diamond Chemicals Co.	Diamond Shamrock Africa (Pty.) Ltd. (50%)	Specialty chemicals mfg. & marketing	NI	Assets=\$0.13
Diamond Power Specialty (Pty.) Ltd. - SEE McDermott International Inc.							
DILLON, READ & CO. (6,7,8,18,27) New York, NY Investment banking		Sequoia Investors (Bechtel family) (60%+)					\$437.1 (z) \$371.6 (y)
Diners Club Inc. - SEE Citicorp							
Diversey Corp. - SEE Molson Cos. Ltd. [Can.]							
DO ALL CO. (24) Des Plaines, IL Band saws & metal-working machinery		Wilkie family		Do All Saws SA (Pty.) Ltd.	Machine & metal-cutting tool & measuring instrument distribution	NI	NI
DOLCIN CORP. (4) Westwood, NJ Pharmaceuticals		NI		South African Druggist Ltd.	Pharmaceuticals	NI	NI
DOMINION TEXTILE INC. [Can.] (1,3,25) Montreal, Can. Fabric & textile manufacturing	643 (in US)	Caisse de Depot et Placement du Quebec [Can; province pension fund] (14%)	DHJ Industries Inc.	DHJ Industries SA (Pty.) Ltd. Linings Mata (Pty.) Ltd. Helsatex Africa (Pty.) Ltd.	Shirt & collar components	160	NI
DONALDSON CO. INC. (3,5,28) Minneapolis, MN Industrial equipment	681	Donaldson family (26%)		Donaldson Air Cleaners (Pty.) Ltd.	Engine air cleaners production	147	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
DOW CHEMICAL CO. (1,3,5,6,7,15, 18,28) Midland, MI Chemicals	28	Dow family (9%); Ameri- Trust (3%) (M); Kuwait government		Dow Chemical Africa (Pty.) Ltd.	Chemicals & pharmaceu- ticals dis- tribution	(200)	Sales=\$60.0 Asstes=\$32.0
			Merrell Dow Pharmaceu- ticals Inc. [acquired from Richard- son-Merrell, 1981]	Mer-National Laboratories (Pty.) Ltd.	Pharmaceu- ticals	(NI)	
			Dow Corning Corp. (50%) [see next entry]			200+	
			Dow Scandia Ltd. [UK] (52%) Dow Banking Corp. [Switz.] (76%)				\$62.0 (z) \$50.0 (y)
DOW CORNING CORP. (1,3) Midland, MI Chemicals	355	Dow Chemical (50%); Corning Glass Works (50%)		Dow Corning Africa (Pty.) Ltd.	Silicone pro- ducts sales	8	Sales LT \$3.0
Dr. Pepper Co. - SOLD Canada Dry Corp. to R. J. Reynolds Industries Inc., 4-84							
DRAYO CORP. (25) Pittsburgh, PA Engineering & construction, mfg. & mining	568	NI		Dravo SA (Pty.) Ltd.	NI	NI	NI
DRESDNER BANK AG [WG] (7,8,18,28) Frankfurt-am-Main, WG Commercial banking	[B23]	NI	ABD Securities Corp. (75%) (25% owned by Bayerische Hypothekbank-Und- Wechsel-Bank [WG])				\$204.5(z) \$164.0(y)
DRESSER INDUSTRIES INC. (1,3,4,22,28) Dallas, TX Industrial equip- ment	112	T. Rowe Price & Assocs. (4%); Mellon Natl. Bank (3%)	Ballou Manu- facturing Co. (3,4) Jeffrey Co. (3,4) Symington Wayne Corp. (3,4)	Dresser South Africa (Pty.) Ltd.	Construction, mining, & industrial equipment [also in Nam.]	(767)	Sales = \$55.0+ Assets = \$45.0+
			Westinghouse Air Brake Co. (WABCO) [Purchased from American Standard,7-84]	WABCO South Africa (Pty.) Ltd.	Earthmoving & mining equipment	(NI)	
						767+	
Drew Ameroid SA (Pty.) Ltd./Drew Chemical Corp. - SEE Ashland Oil Inc.							
Drewcat [SA] - SEE Ashland Oil Inc.							
DREXEL BURNHAM LAMBERT INC. (7,18,27) New York, NY Investment banking		Groupe Brux- elles Lambert [Belg.] (35%); I.W. Burnham family	Burnham & Co.				\$354.1 (z) \$354.1 (y)
DuBois Chemicals Div. - SEE Chemed Corp.							
DUKANE CORP. (28) St. Charles, IL. Communications, audio- visual, underwater, & ultrasonic-welding equip.		NI		Dukane Corp.	Communications & sound equip- ment sales	1	Sales LT \$0.1
Dulmison Preformed Line Products (SA) (Pty.) Ltd. - SEE Preformed Line Products Co.							
DUN & BRADSTREET CORP. (1,3,28) New York, NY Publishing & busi- ness information	S32/ S79	Nielsen family (3%)		Dun & Bradstreet (Pty.) Ltd.	Credit & busi- ness informa- tion, publi- cations	(620)	(NI)
			McCormack & Dodge	McCormack & Dodge SA	NI	(NI)	

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
DUN & BRADSTREET CORP. (cont.)			A.C. Nielsen Co. [acquired 9-84; ranked #579 in US] A.C. Nielsen Intl. Inc.	A.C. Nielsen Co. (Pty.) Ltd.	Market research	(343) 963	(Sales=\$7.1) (Assets=\$4.7) Sales GT \$7.1 Assets GT \$4.7
Dunlop Ozite (Pty.) Ltd. - SEE Brunswick Corp.							
DUPONT DE NEMOURS, E.I. & CO. (2,3,4,5,22,28) Wilmington, DE Chemicals	7	du Pont family (35%); Seagram Co. Ltd. [Can.] (21%)	DuPont Pharmaceuticals (formerly Endo Laboratories) Conoco Inc. Tidewater Oil Co. [Conoco ceased operations in SA & Namibia, 1975]	DuPont de Nemours Intl. Soc. Anon. Endo Drug Corp. (Africa) (Pty.) Ltd.	Chemicals & plastics export Pharmaceuticals Oil exploration [Namibia]	(33) (NI) 33+	Sales=\$35.0
Duracell SA (Pty.) Ltd. - SEE Dart & Kraft Inc.							
EDAC (Pty.) Ltd. - SEE Philips Lamp N.V. [Neth.]							
EG&G INC. (24) Wellesley, MA Electronics R&D & systems, & scientific services	318	NI	EG&G Princeton Applied Research	Spectro Equipment	Electronic computer system R&D, & biomedical research	NI	NI
ESB Inc. - SEE INCO [Can.]							
ESCO Corp. (1,3,9) - U.S. subsidiary Hyster Co. SOLD SA interests, 4-84.							
EAST ASIATIC CO. LTD. [DEN.] (3) Copenhagen, Den. Intl. manufactures & metals trading		NI	East Asiatic Co. Inc.	East Asiatic Co. (SA) (Pty.) Ltd.	Trading	NI	NI
EASTERN AIR LINES INC. (24) Miami, FL Airline	T7	Employees stock ownership plan (25%)		Development Promotions (D?)	Air transportation	NI	NI
Eastern Hemisphere Insurance (1973) Ltd. [Ber.] - SEE Standard Oil of California AND Texaco Inc.							
Eastern Stainless Steel Corp. - SEE Eastmet Corp.							
EASTMAN KODAK CO. (1,3,28) Rochester, NY Photographic equipment	30	J.P. Morgan & Co. (4%) (M); Lincoln First Banks (2%)		Kodak SA (Pty.) Ltd.	Photo processing & printing	567	Sales LT \$100.0
EASTMET CORP. (4,28) Hunt Valley, MD Metal manufacturing	630	G. Soros & assoc. (7%)	Eastern Stainless Steel Corp.	Southern Cross Steel (Pty.) Ltd. Middelburg Steel & Alloys (Pty.) Ltd. [interest sold, 1972]	Stainless steel	NI	NI
EATON CORP. (1,3,25,28) Cleveland, OH Motor vehicles	138	Ameritrust Corp. (6%) (M); TIAA-CREF (3%)	Cutler-Hammer Inc.	Cutler-Hammer SA Ltd. Cutler-Hammer Baleboggi (Pty.) Ltd. Kaceaware (Empangeni) (Pty.) Ltd. Metal Industries Central Africa Ltd. Samuel Moore & Co. (SA) (Pty.) Ltd. C-H Truck Components (Pty.) Ltd. Eaton International	Industrial motor equipment & control systems Truck parts sales	(388) (NI) 388+	Sales = \$19.0 Assets = \$10.0

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Eaton Laboratories (SA) (Pty.) Ltd. - SEE Proctor & Gamble Co.							
ECHLIN INC. (1,3) Branford, CT Motor vehicle equipment	428	Echlin family (8%)	(formerly Echlin Manufacturing Co.)	Echlin-Charger Mfg. Co. (Pty.) Ltd.	Auto parts	320	NI
ECOLAIRE INC. (19,28) Malvern, PA Utilities, heavy industry, & en- vironmental equipment		Adler & Shaykin/- management group (100%; bought 4-85)		Ecolaire Africa (Pty.) Ltd.	Power stations	6	NI
ECONOMICS LABORATORY INC. (23,28) St. Paul, MN Cleaning & sanitiza- tion products	384	Osborn family (9%); Neuber- ger & Berman (7%); U.S. Trust (6%)		Klansan (Pty.) Ltd. (49%) (controlled by Anglo American Group (Chemical Holdings)[SA]) [US company claims NO direct investment in SA]	Hospital deter- gents	NI	NI
Efco Furnaces (SA)(Pty.) Ltd. - SEE Occidental Petroleum Corp.							
Efmco SA - SEE Baker International Corp.							
Elcolab Holdings (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.							
Electric Furnace Products Co. Ltd. [Can.] - SEE Union Carbide Corp.							
Electro-Nite (Pty.) Ltd. - SEE Midland-Ross Corp.							
Electrode Co. SA Ltd. - SEE Union Carbide Corp.							
Electrolink (Pty.) Ltd. - SEE National Semiconductor Corp.							
Electronic Building Elements (Pty.) Ltd. - SEE General Electric Co.							
Elf-Aquitaine, Societe Nationale [Fr.] (1,2,3,5,19,23,28) - US subsidiary M & T Chemicals Inc. SOLD SA subsidiary (G. J. Wevelli); US subsidiary TexasGulf Inc. says SA subsidiaries (Pandora Mining, TG Exploration, and Zeus Exploration) NO LONGER operating							
Eli Lilly & Co. - SEE Lilly, Eli, & Co.							
Elizabeth Arden (South Africa) (Pty.) Ltd. - SEE Lilly, Eli, & Co.							
Embecon (SA) (Pty.) Ltd. - SEE Sandoz Ltd. [Switz.]							
Emcon Communications SA (Pty.) Ltd. - SEE Gerber, J., & Co.							
EMERSON ELECTRIC CO. (4) St. Louis, MO Electronics & appliances	111	Appleton family (6%); Lord Abbett & Co. (3%); Manufacturers Hanover Trust (2%)	Skif Corp. Automatic Switch Co. [acquired 6-85; ranked #877 in U.S. in 1982] Asco Elec- trical Products Co. Inc.	Monitor Engi- neering Co. (Pty.) Ltd. Ascoreg (Pty.) Ltd.	Electrical tools Electrical valves pro- duction & mar- keting & pres- sure/tempera- ture switches marketing	(NI) (25) 25	NI
EMERY AIR FREIGHT CORP. (4) Wilton, CT Air freight forwarding	T32	Emery family		Emery Air Freight Corp. Emery Customs Brokers SA (Pty.)Ltd.	Air freight forwarding	NI	NI
EMHART CORP. (4,20,28) Farmington, CT Industrial equip- ment	205	J.P. Morgan & Co. (5%); Mer- cantile Bank- shares (2%)	USM Corp. USMC Intl. Ltd. [UK] United Mar- keting (Leicester) Ltd. [UK]	British United Shoe Machinery (SA)(Pty.) Ltd. B.U. Engineer- ing (Pty.) Ltd. Bostik (Pty.) Ltd. M. F. Proper- ties (Pty.) Ltd. Wynberg Devel- opment (Pty.) Ltd.	Shoemaking machinery Industrial adhesives	(690) (469)	NI
						1,159	

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
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Empresas Sudamericanas Consolidadas S.A. [Panama] - SEE Anglo American Corp. of SA Ltd.

Emsaw [SA] - SEE Stone & Webster Inc.

ENCYCLOPAEDIA BRITANNICA INC. (4) Chicago, IL Encyclopedia & book publishing		University of Chicago (100%)		Encyclopaedia Britannica (Pty.) Ltd.	Encyclopedias	NI	NI
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Endo Laboratories - SEE du Pont de Nemours, E. I., & Co.

Energy Minerals Corp. - SEE Weeks Petroleum Ltd. [Ber./Aust.]

ENGELHARD CORP. (1,3,5,28) Iselin, NJ Metals manufacturing	174	Anglo-American Group [SA] (27%); Engelhard family	(formerly Engelhard Minerals & Chemicals; metals trading divisions spun off to form Phibro Corp., 1981)	Engelhard Industries SA (Pty.) Ltd. Engelhard Ore & Base Metals Corp.	Ores & fabricated precious metals sales	(8) (NI)	Sales=\$4.5 Assets=\$1.5
							72

Engelhard Ore & Base Metals Corp. - SEE Engelhard Corp.

Envirotech Corp. - SEE Baker International Corp.

Epstein, Julius, Ltd. [SA] - SEE Cogsdill Tool Products Inc.

ERICO PRODUCTS INC. (24,28) Cleveland, OH Welding, electrical, & conveyor equipment & fastener manufacturing		NI		Caldwell (Pty.) Ltd.	Electrical connectors & welding equipment, rail bonds, & industrial fasteners	NI	NI
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ERIEZ MANUFACTURING CO. (24,28) Erie, PA Materials separation & movement, pollution, & food & paper products equipment		Merwin family	Eriez Magnetics	Eriez Magnetics SA (Pty.) Ltd.	Magnetic & vibratory separation & pollution control equipment	NI	NI
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ERNST & WHINNEY INTERNATIONAL (3,5,28) New York, NY Accounting	A4	(Partnership)	(formerly Ernst & Ernst)	Whinney Murray Ernst & Ernst [US company claims no ownership in SA company]	Accounting	400	NI
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Esachen SA (Pty.) Ltd. - SEE NCH Corp.

Esmark Corp. - SEE Beatrice Cos.

Essex Minerals Co. - SEE U.S. Steel Corp.

Esso Chemical (Pty.) Ltd./Esso Minerals Africa Inc./Esso Standard SA (Pty.) Ltd. - SEE Exxon Corp.

ESTEE LAUDER INC. (1,3,5) New York, NY Cosmetics	P30	Lauder family	Estee Lauder International Corp.	Estee Lauder (Pty.) Ltd.	Cosmetics manufacturing	100	NI
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ESTERLINE CORP. (4) Darien, CT Industrial & farm equipment	731	Dyson-Kissner-Moran (Dyson family) (17%)	W. A. Whitney Co.	Whitney [SA]	Hydraulic metal fabricating equipment	NI	NI
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Ethnor (Pty.) Ltd. - SEE Johnson & Johnson Co.

Etkinds Management Services (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.

Etosha Petroleum (Pty.) Ltd. [Namibia] - SEE Brilund Ltd.

Euclid Inc. - SEE Clark Equipment Co.

Eureka Rubber Co. [SA] - SEE Bandag Inc.

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
FAIRCHILD INDUSTRIES INC. (cont.)			DME Co.	Mestico (Pty.) Ltd. (D?)	Die-casting & plastic-molding tooling	(NI) 11+	
Falconbridge Inc. [Can.] - SEE Mobil Corp.							
Falron Lift Maintenance [SA] - SEE United Technologies Corp.							
FARRELL LINES INC. (1,3,22,28) New York, NY Shipping		Farrell-Lowman family	[US company claims NO direct investment in SA or Namibia]	Farrell Lines International Corp.	Shipping [also in Namibia]	3	NI
Fasson Products (Pty.) Ltd. - SEE Avery International Inc.							
FEDERAL-MOGUL CORP. (1,3,28) Detroit, MI Motor vehicle equipment	363	National Detroit Bank (12%)(M); United Missouri Bancshares (4%)	Huck Manufacturing Co.	Femo (Pty.) Ltd. Huck SA (Pty.) Ltd.	Motor vehicle parts distribution Lockbolt manufacturing licensee	(112) (NI) 112+	NI
Federated Insurance Co. [UK/Nam.] - SEE Sears Roebuck & Co.							
Femo (Pty.) Ltd. - SEE Federal-Mogul Corp.							
FENIX & SCISSON INC. (1,3,28) Tulsa, OK Engineering & contracting		Scisson family		Fenix & Scisson International Inc. [US co. says contract completed 1982; now provides visiting consultants only]	Engineering projects & services	NI	NI
Feralloys Ltd. - SEE U.S. Steel Corp.							
FERRO CORP. (1,3) Cleveland, OH Chemicals	401	J.P. Morgan & Co. (7%); Capital Group (5%)		Ferro Industrial Products (Pty.) Ltd.	Chemicals, ceramics, & engineering equipment	209	NI
Ferroplastic & Rubber Industries (Pty.) Ltd. - SEE GenCorp, Inc.							
Fiberglas SA (Pty.) Ltd. - SEE Owens-Corning Fibreglas Corp.							
FIDELCOR (6,7,28) Bryn Mawr, PA Commercial banking Loan policy = N	862	Fidelcor (7%); CIGNA (3%)	Fidelity International Bank Banque Europeenne de Financement [Fr.]				\$53.0 (z) \$50.0 (y) [Bank claims no outstanding loans]
Figgie International Holdings Inc. (1,3,28) (formerly A-T-O Inc.) --SOLD SA subsidiary (George J. Meyer SA), 6-83							
FILTRATION EQUIPMENT CORP. (4) Rochester, NY Filters		NI		Filtration & Allied Industries (Pty.) Ltd.	Swimming pool & industrial filters	NI	NI
Firemans Fund Insurance Companies - SEE American Express Co.							
FIRESTONE TIRE & RUBBER CO. (1,3,5,19,22,28) Akron, OH Rubber products	95	Ameritrust (14%); Firestone family (13%)		Firestone SA (Pty.) Ltd. (25%) [also in Nam.] Firestone Properties (Pty.) Ltd. Seibstone Investments (Pty.) Ltd. 152 Leicester Road 1979 (Pty.) Ltd. Test Properties (Pty.) Ltd.	Tires, tubes, & rubber products	2,461	Sales=\$85.0 Assets BT \$50.0
FIRST AMERICAN BANK CORP. (6,7) Kalamazoo, MI Commercial banking		NI	Northern States Corp. City National Bank of Detroit				\$50.0 (z) 0 (y)

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
FIRST ATLANTA CORP. (9) Atlanta, GA Commercial banking	B59	NI Agreement to merge into Wachovia Corp. 6-85	First Natl. Bank of Atlanta				\$2.0 (z) 0 (y)
First Banc Group of Ohio - SEE Banc One Corp.							
FIRST BANK SYSTEM INC. (6,28) Minneapolis, MN Commercial banking Loan policy = G+	B17	First Bank System (11%); Natl. Detroit Bank (4%); Stein Roe & Farnham (3%)	Banks of Iowa Inc. [acquired 1984]				\$6.1 (z) 0 (y) [Bank's OMN outstanding loans GT \$0.0 (6-84)]
FIRST BOSTON INC. (6,7,8,10,26,27) Boston, MA Investment banking	F8	Financiere Credit Suisse First Boston (33% First Boston) [Switz.] (35%)	First Boston Corp. Financiere Credit Suisse First Boston [Switz.] (33%)			NI	\$1,309.4(z) \$956.4(y)
FIRST CHICAGO CORP. (6,7,28) Chicago, IL Commercial banking Loan policy = G	B11	First Chicago (8%); Citi- corp (3%)	First National Bank of Chicago American Na- tional Corp. [acquired from Amerifin, 1-84] American Natl. Bank & Trust Co.				\$248.8(z) \$ 50.0(y) [Bank claims no outstanding loans]
FIRST CITY BANCORP OF TEXAS (6) Houston, TX Commercial banking Loan policy = C	B23	First City Bancorp of Texas (6%); InterFirst Corp. (4%)	First City National Bank				\$0.3 (z) 0 (y)
FIRST EMPIRE STATE CORP. (6,7) Buffalo, NY Commercial banking		R.G. Wilmers & J. Pereira (24%); Bokst inc. (13%)	Manufacturers & Traders Trust Co. First Empire Bank				\$50.0 (z) 0 (y)
First International Bancshares Inc. - SEE InterFirst Corp.							
FIRST INTERSTATE BANCORP. (6) San Francisco, CA Commercial banking Loan policy = E	B7	Wellington Management (3%); State Farm Insur- ance (3%); BankAmerica (3%)	[formerly Western Bancorp.] First Inter- state Bank of Califor- nia (former- ly United California Bank)				\$0.3 (z) GT \$0.0(y)
FIRST KENTUCKY NATIONAL CORP. (6,7) Louisville, KY Commercial banking		NI	First Na- tional Bank of Louisville				\$50.0 (z) 0 (y)
First National Boston Corp./First National Bank of Boston - SEE Bank of Boston Corp. [renamed]							
FIRST PENNSYLVANIA CORP. (6,7) Philadelphia, PA Commercial banking	B69	Templeton fam- ily (2%); Massachusetts Financial Services (2%)	First Pennsylv- ania Bank				\$50.0 (z) 0 (y)
FIRST WASHINGTON SECURITIES CORP. (7) NI NI		NI	NI				\$50.0 (z) \$50.0 (y)
FIRST WISCONSIN CORP. (6) Milwaukee, WI Commercial banking Loan policy = G+	B70	First Wisconsin Corp. (14%); Chester-Miller- Read group (7%)					\$34.7 (z) \$ 4.7 (y)

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Fisher Controls Intl. Inc. - SEE Monsanto Corp.							
FLEET FINANCIAL GROUP INC. (28) Providence, RI Commercial banking Loan policy = G+	F31	NI	(formerly Industrial National Bank)			7	NI(z) NI(y) [Bank's OWN outstanding loans GT \$0.0]
Fleming Suez Brown Bros. Ltd. [UK] - SEE Brown Bros. Harriman & Co.							
Floccotan (Pty.) Ltd. - SEE Merck & Co. Inc.							
FLOW GENERAL INC. (19,28) McLean, VA Research, biological & materials services & products, & communications equipment		NI	Flow Laboratories Inc.	Bios Laboratories (Pty.) Ltd.	Research & biological materials sales	7	Sales = \$0.42 Assets = \$0.33
FLUKE, JOHN, MANUFACTURING CO. (1,3,28) Mountlake Terrace, WA Measuring & scientific equipment	945	Fluke family (32%)		Fluke SA (Pty.) Ltd.	Electronic test & measuring instruments	25	Sales = \$2.7 Assets = \$1.7
FLUOR CORP. (1,3,5,12, 19,28) Irving, CA. Engineering & construction contracting	S5	Canadian Imperial Bank of Commerce [Can.] (6%)(M); J. R. Fluor family (4%)		Fluor Engineers SA (Pty.) Ltd. Fluor SA (Pty.) Ltd. Fluor-Genrec SA (Pty.) Ltd. (60%)	Maintenance & development for SASOL II/III, and Natref refinery maintenance Design & engineering procurement, construction, & maintenance	(182) (NI) 182+	(Sales=\$47.0) (Assets=\$9.0) As managing contractor for SASOL II/III (completed) Fluor employed over 14,000 and had \$4.7 billion contract Sales GT \$47.0 Assets GT \$9.0
FOOTE, CONE & BELDING COMMUNICATIONS INC. (20) Chicago, IL Advertising	Ad7	Directors & officers (8%)	FCB/Latin America-Pacific-South Africa (formerly FCB International Inc.)	Foot Cone & Belding Holdings (SA) (Pty.) Ltd. Lindsay Smithers-FCB (Pty.) Ltd. (24%) Jonsson Advertising (Pty.) Ltd.	Advertising	NI	NI
FORD MOTOR CO. (1,3,22,28) Dearborn, MI Motor vehicles	4	Ford family (40%); Manufacturers National Corp. (17%)(M)	Ford Motor Co. of Canada Ltd. [Can.] (88%) [ranked #153] outside U.S.]	SAMCOR (SA Motor Corp.)(40%)(60% held by Anglo American [SA]) [merger of Ford Motors Co. SA with Amcar, 1985] South West Ford [Nam.]	Auto & agricultural manufacturing & marketing	6,673 [Ford only; pre-merger]	Sales=\$530.0 Assets=\$230.0 [Ford only; pre-merger]
Fordons Factoring (Pty.) Ltd. - SEE Fujii Bank Ltd. [Japan]							
FORMICA CORP. (25,28) Wayne, NJ Building products manufacturing		Management/Shearson Lehman Bros. group(100%); acquired from American Cyanamid, 5-85)		Decorative Boards (Pty.) Ltd.	NI	NI	NI
FORSYTH INDUSTRIES INC. (4) East Aurora, NY Sheet metal stampings		NI		Forsyth Udwin (Pty.) Ltd.	Window & door materials	NI	NI
Fort Dodge Laboratories - SEE American Home Products Corp.							
FOSTER WHEELER CORP. (1,2,3,5,28) Livingston, NJ Industrial equipment	S36	International Bank (9%)		Foster Wheeler Energy Ltd.	Chemical engineering contractors	281	NI

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
FOXBORO CO. (24) Foxboro, MA Process-control instrument & computer mfg. Company claims it has NO OPERATIONS in SA	442	Bristol family (25%)		A. F. H. Devers (Pty.) Ltd. (0?)	Industrial instruments, chemicals, & physical compositions	NI	NI
Fram Corp. - SEE Allied Corp.							
Francequip (Pty.) Ltd. - SEE Midland-Ross Corp.							
Frank B. Hall & Co. Inc. - SEE Hall, Frank B., & Co. Inc.							
Frank, Max, Pty. Ltd. - SEE Marnon Group Inc.							
FRANKLIN ELECTRIC CO. (1,3,28) Bluffton, TN Electronics and appliances	848	Schaefer fam- ily (35%); R. Kehoe (5%)		Franklin Elec- tric SA (Pty.) Ltd.	Electric motors sales	44	Sales = \$6.7 Assets = \$2.3
Friden (SA) (Pty.) Ltd. - SEE Singer Co.							
FRUEHAUF CORP. (1,19,28) Detroit, MI Motor vehicles	173	Lazard Freres & Co. (6%); Batterymarch Financial Management(5%)	Fruehauf In- ternational Ltd.	Henred Fruehauf Trailers (Pty.) Ltd. (25%) (ma- jority held by Trencor [SA])	Trailers & con- tainers	1,400	Sales LT \$20.0 Assets LT \$7.1
FUJI BANK LTD. [Japan] (1,3,6,20,28) Tokyo, Japan Commercial banking & financial ser- vices	[B2]	NI	Walter E. Heiler Overseas Corp. [acquired from Amerifin, 1983]	Fordom Factoring (Pty.) Ltd. (10%)	Leasing, fac- toring, & financial services	24	Assets GT \$0.5 Sales = \$0.7
Fuller Co./GATX - SEE GATX Corp.							
FUQUA INDUSTRIES INC. (1,3,19,20,28) Atlanta, GA Diversified recrea- tional, garden, seating, & photo mfg. services	367	J. B. Fuqua family	Triton Group Ltd. (20%; controlled by Fuqua Inds. & J.B. Fuqua) Simplicity Pat- tern Co. (ac- quired 12-84)	Simplicity Patterns SA (Pty.) Ltd. Style Patterns (Pty.) Ltd.	Paper dress patterns	28	Sales=\$1.5 Assets=\$1.1
GAF CORP. (1,3) New York, NY Chemicals	374	H. Simmons family (18%); S. Heyman family (8%); Teledyne (7%)		GAF SA (Pty.) Ltd.	Chemicals, fil- ters, & films distribution	5	NI
GATX CORP. (1,3,19,28) Chicago, IL Railroad equip- ment, shipping, and diversified manufacturing	S66	NI	(formerly General Amer- ican Trans- portation Corp.) GATX Leasing Corp. Fuller Co.	GATX Lease Management GATX-Fuller (Pty.) Ltd.	Equipment fi- nancing Cement plant design and construction	(16) (6)	NI NI
							22
G/C Int'l. Ltd. [SA] - SEE Gilbert Associates Inc.							
GTE CORP. (1,3,19,23,25) Stamford, CT Telephone systems, & electrical & communications products	U2	NI	(formerly Gen- eral Telephone & Electronics Corp.) GTE Unistrut Int'l. Inc. [Plans to sell, 1984] Valeron Corp. [acquired 3-84]	Unistrut (Pty.) Ltd. Valenite-Modco (Pty.) Ltd.	NI Tungsten carbide & special purpose en- gineering tooling	(NI) (70)	NI NI
							70+
Gabriel SA (Pty.) Ltd. - SEE Swiss Aluminum Ltd. [Switz.]							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Galigher [SA] - SEE Baker International Corp.							
Galion Manufacturing - SEE Dresser Industries							
Gallaher Ltd. [UK] - SEE American Brands Inc.							
Gallen Chemical - SEE Sybron Corp.							
Gamsberg [GWA] - SEE Newmont Mining Corp.							
Gang-Nail Systems Inc. - SEE Redland PLC [UK]							
Gardner-Denver Co. - SEE Cooper Industries							
GATES CORP. (1,3) Denver, CO Rubber products	P20	Gates family (100%)	Gates Rubber Co.	Gates SA (Pty.) Ltd.	Auto & indus- trial rubber products	74	Sales = \$3.5-4.0
Gearhart Industries Inc. (1,3,23) - U.S. subsidiary Geosource Inc. SOLD SA interests, 1982							
GELCO CORP. (24,25) Eden Prairie, MN Transportation equipment Leasing & manage- ment services	S59	Grossman Family (17%)	Belco CTI Container Services [formerly CTI Intl. Inc.]	CTI-Container Transport Intl. (SA) (Pty.) Ltd. Container Leasing SA (Pty.) Ltd.	Container leasing & equipment rental	NI	NI
GENCORP INC. (3,4,5,9,22) Akron, OH Rubber products Company claims NO SA holdings (9)	168	O'Neil fam- ily (8%); First Na- tional Bank of Akron (7%) (M); Dreyfus Corp. (5%)	(formerly General Tire & Rubber Co.)	General Tire & Rubber Co. (SA) Ltd. [sold (S); now a licensee] Ferroplastic & Rubber Indus- tries (Pty.) Ltd. Piggot Maskew & Co. Ltd.	Tires & rub- ber products [also in Namibia]		
			Chemical Con- struction Corp.	Hall Longmore & Co. Ltd. (42%) [co- owned by Federale Myn- bou Bpk. (SA)]	Construc- tion en- gineering	(1,200)	(Sales GT \$10.0)
			Graver Tank & Manufac- turing Co. [proposed sale to Brentwood Associates, 2/82]	Wright Anderson (South Africa) Ltd.	Steel	(NI)	(NI)
						1,200+	Sales = \$10.0+
GENERAL AUTOMATION INC. (23) Anaheim, CA Computers & auto- mation systems	992				Computers	NI	NI
General Containers (Pty.) Ltd. - SEE Nestle S.A. [Switz.]							
GENERAL ELECTRIC CO. (1,3,5,19,24,25,28) Fairfield, CT Electronics and appliances	10	General Elec- tric (4X)(M); Eccles family (1X)		S.A. General Electric Co. (Pty.) Ltd. Reid Mitchell Ltd. Magnet Wire (Pty.) Ltd. (75%) Defy Industries Ltd. (26%)	Industrial, electrical, & transpor- tation equipment Appliances	(852)	(Sales LT \$140.0 (Assets LT \$120.0)
			Tube Invest- ments Simplex GE Holdings Ltd. [UK joint ven- ture] (49%)	Allenwest GE Mfg. (Pty.) Ltd. (51%) Simplex SA (Pty.) Ltd. (51%)	Industrial & electri- cal equip- ment	(NI)	
			Intersil Inc.	Electronic Building Ele- ments (Pty.) Ltd. (0?)	Semiconduc- tor memory systems	(NI)	

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
GENERAL ELECTRIC CO. (cont.)			Utah International Inc. (Sold to Broken Hill Pty. Co. [Aust.] 4-84; GE retained 15% interest, to be sold 1985)				Sales GT \$140.0 Assets GT \$120.0
GENERAL FOODS CORP. (4) White Plains, NY Food	41	Berkshire Hathaway (Buffett family)(9%); Loews Corp.(5%)		General Foods (Pty.) Ltd.	Food products	NI	NI
GENERAL MOTORS CORP. (1,3,5,19,22,28) Detroit, MI Motor vehicles	2	National Detroit Corp. (14%)(M); duPont family (7%)		General Motors SA Ltd. [also in Namibia]	Motor vehicles, locomotives, & power & industrial products	(4,914)	Sales=\$320.0 Assets=\$140.0
			General Motors Acceptance Corp.	General Motors Acceptance Corp. SA	Finance	(35)	
						4,949	
GENERAL REFRACTORIES CORP.(20,23,24,28) Bala Cynwyd, PA Refractory, building, & insulation products	533	Great Lakes Carbon Corp. (26%); Sanbil Handels Anstalt (6%)	Grefco Inc.	Perlite Industries (Pty.) Ltd. (38%) [sold interest, 1982]	Filter products & aids		
Company MAY NO LONGER be in SA or Namibia				Olifantsfontein (Johannesburg) SA Indu Plex Inc.(07)	NI	NI	NI
GENERAL SIGNAL CORP. (19,20,28) Stamford, CT Measuring & process control equipment, transportation signals, & consumer products	220	Manufacturers Hanover Trust (5%)(M); T. Rowe Price & Assocs. (4%); Lincoln First Banks (3%)	Leeds & Northrup Co.	Leeds & Northrup (Pty.) Ltd. Stock Equipment SA (Pty.) Ltd.	Industrial process control products supply & services	(42)	NI
					NI	(NI)	
						42+	
General Telephone & Electronics Corp. - SEE GTE Corp.							
General Tire & Rubber Co. - SEE GenCorp Inc.							
Generale de Surveillance SA (Pty.) Ltd., Societe - SEE Surveillance Holding S.A., Sta. Gen. de [Switz.]							
George F. Spurdie Associates [SA] - SEE Teknis Inc.							
Geosource Inc. - SEE Gearhart Industries Inc.							
GERBER, J., & CO. INC. (1,2,3,28) New York, NY Metals wholesale trading		NI	[US company claims NO direct investment in SA]	Emcon Communications SA (Pty.) Ltd. (1) Gerber Goldschmidt Group SA (Pty.) Ltd. (2) Intermagnetics (Transkel) (Pty.) Ltd. (2)	Two-way radios	(100)	NI
					Shipping & finance	(150)	
					NI	(NI)	
						250	
Gerjoan Investments (Pty.) Ltd. - SEE Lilly, Elf, & Co.							
GERRARD, A.J., & CO. (4) Des Plaines, IL Steel strapping materials & equipment		NI		A.J. Gerrard Steel Strapping Co. S.A. (Pty.) Ltd.	Steel strapping machines	NI	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Getty Oil Co. - SEE Texaco Inc.							
Getz Corp./Getz Bros. & Co. Inc. - SEE Marmon Group Inc.							
Gilbarco SA (Pty.) Ltd. - SEE Exxon Corp.							
GILBERT ASSOCIATES INC. (24) Reading, PA Power plant & electrical transmission engineering, construction, & consulting		ESOP (100% voting shares)	Gilbert/Commonwealth Intl. Inc.	G/C Intl. Ltd.	Engineering & consulting services	NI	NI
Gilbert & Barker Manufacturing Co. - SEE Exxon Corp.							
GILLETTE CO. (1,3,28) Boston, MA Metal products	169	J.P. Morgan & Co. (5%)(M); Delaware Management (4%)		Gillette SA Ltd.	Razors, toiletries, lighters, writing & plastic products	296	Sales LT \$22.0 Assets = \$3.3 (1982)
GOLDMAN, SACHS & CO. (6,7,8,18,26,27) New York, NY Investment banking		(Partnership) J. Whitehead (5%); J. Weinberg (5%)	Goldman Sachs International Corp. [UK]				\$850.0 (z) \$784.5 (y)
GOODYEAR TIRE & RUBBER CO. (1,3,5,19,28) Akron, OH Rubber products	32	Batterymarch Financial Management (5%); Capital Group (4%)	Kelly-Springfield Tire Co.	Goodyear Tyre & Rubber Co. SA (Pty.) Ltd. Kelly-Springfield Tyre Co. SA (Pty.) Ltd.	Tires, tubes, & rubber products	(2,416) (94)	(NI) (Sales=\$1.5) Sales = \$92.0 Assets = \$97.0
Gordon Webster & Co. (Pty.) Ltd. - SEE SPS Technologies Inc.							
GOULDS PUMPS INC. (24) Seneca Falls, NY Centrifugal pump manufacturing	626	NI	Morris Pumps Inc.	IES Engineering Co. (Pty.) Ltd. (D?) [see also McNally Pittsburgh Inc.]	Centrifugal & axial-flow pumps (for mineral slurry)	NI	NI
GRACE, W.R., & CO. (1,3,4,5,28) New York, NY Chemicals	53	Flick family (W6) (28%); J.P. Morgan & Co. (5%)	Chemed Corp. (84% interest sold back to Chemed, 3-82) Dubois International	W.R. Grace Africa (Pty.) Ltd.	Sealing chemicals & flexible packaging	143	Sales=\$15.0 Assets=\$5.0
Gramophone Record Co. - SEE CBS Inc.							
Granby Mining [Can.] - SEE Zapata Corp.							
Grant, Alexander, & Co. - SEE Alexander Grant & Co.							
Grant Thornton Intl. - SEE Alexander Grant & Co.							
Graver Tank & Manufacturing Co. - SEE GenCorp Inc.							
Graviner SA - SEE Allegheny International Inc.							
Greater Jersey Bancorp. - SEE Midlantic Banks Inc.							
Greer Hydraulics Inc. - SEE Fairchild Industries Inc.							
Grefco Inc. - SEE General Refractories Co.							
GREY ADVERTISING INC. (24,25,28) New York, NY Advertising agency	Ad11	E. Meyer family (14%); other directors/officers (25%)		Grey-Phillips, Buntin, Mundel & Blake (Pty.) Ltd. (6T 50%)	Advertising agency	190	NI

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
BREYHOUND CORP. (1,4,25) Phoenix, AZ Diversified bus mfg./ operating, consumer prods., food & financial services	S11	NI	Purex consumer products div. [acquired from Purex Inds., 3-85] Cuticura	Cuticura SA (Pty.) Ltd.	NI	NI	NI
Grindlays Bank Ltd. [UK] - Citicorp sold its 49% interest to Australia & New Zealand Banking Group Ltd. [Aust.], 8-84							
GROLIER INC. (1,3,28) Danbury, CT Publishing	590	R.W. Wilson (7%); W. J. Murphy (6%)		Grolier Interna- tional Inc.	Educational books sales	70	Sales=\$3.4 Assets=\$2.8
Gulf Corp. - SEE Chevron Corp.							
GULF + WESTERN INDUSTRIES INC. (1,5,24) New York, NY Consumer & industrial products, entertain- ment, communications, & finance.	67/ 477	Directors/ officers (3%); Swiss Bank & other Switz. investors (67 10%)	Quebec Iron & Titanium (33%; sold to Kennecott, 1-82)	Prentice-Hall Inc. (acquired 12-84; ranked #477 in US) Deltak Inc. CIM-Deltak (80%)	Industrial train- ing in information technology Book publishing & business services	NI	NI
HPD INC. (26) Naperville, IL Chemical proces- sing systems design & production		NI		(JV with Magcent [SA])	Chemicals avapo- ration & crys- tallization plant design & con- struction	NI	NI
HALL, FRANK B., & CO. INC. (19,20,28) New York, NY Insurance	F96	S. Steinberg family (21%); Providence Int'l. [Ber.] (5%)		Frank B. Hall SA (Pty.) Ltd. [US co. claims no employees; SA subsidiary for for brokerage access only]	Insurance broker	0	NI
Hall Langmore & Co. Ltd. - SEE GenCorp Inc.							
HALLE & STIEBLITZ INC. (4) Stanford, CT Industrial & con- struction materials		Gordon family & W. Wolfson family	Irvin Indus- tries Inc. (formerly Irving Air Chute Co.)	Parachute Indus- tries of South- ern Africa (Pty.) Ltd.	Parachutes & allied equip- ment	NI	NI
Halsey Stuart & Co. - SEE Prudential Insurance Co.							
Hamilton Russell SA (Pty.) Ltd. - SEE JMT Group							
Hang Ten International - SEE Ratner Corp.							
HANNA MINING CO. (22,28) Cleveland, OH Iron & nickel mining	647	Norcen Energy Resources Ltd. [Can.] (20%)	[US company claims NO direct invest- ment in SA or Namibia]		Mining & pros- pecting [Namibia]	NI	NI
HANSON TRUST PLC [UK] (1,3,25) London, UK Diversified Industrial manufacturing & services, construc- tion, & agribusiness	[205]/ 283	NI	U.S. Indus- tries Inc. [acquired 7-84; ranked #283 in US] USI Overseas Holdings Ltd. Big Dutchman Inc.	Big Dutchman SA (Pty.) Ltd.	Livestock feeding systems sales	40	NI
HARCOURT BRACE JOVANOVIICH INC. (24) New York, NY Publishing, broad- casting, & enter- tainment	392	NI	Academic Press Inc.	Oxford University Press (D?) [see also SFM Companies Inc.]	Scientific books pub- lishing	NI	NI
HARNISCHFEGER CORP. (1,3) Milwaukee, WI Industrial & farm equipment	479 (1982)	Kobe Steel [Japan] (10%); Harnischfeger family (8%)		Harnischfeger SA (Pty.) Ltd.	Mining & con- struction equipment marketing & assembly	170	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
HARPER GROUP (1,3) San Francisco, CA Freight forwarding		Robinson family (51%)	(formerly Harper Robinson Inc.)	Circle Freight Intl. SA (Pty.) Ltd.	Customs brokering & freight forwarding	60	NI
HARPER & ROW PUBLISHERS INC. (24) New York, NY Publishing & publishers services	860	ESOP (28%); directors/officers (11%)		International Publishers Representatives	Book publishing	NI	NI
Harris Bankcorp. - SEE Bank of Montreal [Can.]							
Harris, R. H., (Pty.) Ltd. - SEE E. F. Houghton & Co.							
HARSCO CORP. (23) Harrisburg, PA Metals, construction, & defense products	331	T. Mellon Evans family (5%); FMR Corp. (4%); Batterymarch Financial Management (3%)	Heckett Div.	Heckett (SA) (Pty.) Ltd. (50%)	Metal products	NI	NI
Haskins & Sells - SEE Deloitte, Haskins & Sells							
Hay Associates/Hay Group - SEE Saatchi & Saatchi Co. PLC [UK]							
HAYES/HILL INC. (19) Chicago, IL Management consulting		W. Hill & R. Hayes families		Hayes/Hill Morris (Pty.) Ltd.	Management consultants	5	NI
HEALTHDYNE INC. (19,28) Marietta, GA Electronic medical equipment mfg.		P. Petit family (13%); other officers/directors (6%)	Narco Scientific Inc. [acquired 1-83] Air-Shields Inc.	Air-Shields of SA (Pty.) Ltd. (24%)	Medical equipment	20	NI
Heckett (SA) (Pty.) Ltd. - SEE Harsco Corp.							
HEINEMANN ELECTRIC CO. (1,3,19) Trenton, NJ Electrical equipment		NI		Heinemann Electric SA Ltd. (30%) [controlled by Barlow Rand (SA)]	Circuit breakers & other electrical equipment	1,100	Sales = \$20.0
HEINZ, H.J., CO. (22) Pittsburgh, PA Food & diversified products	100	Heinz family (18%); Calif. PERS & STRS (4%); Tele-dyne Inc. (3%)	Weight Watchers International Inc.		Marketing or franchising [Namibia]	NI	NI
Helena Rubinstein Inc. - SEE Albi International Inc.							
Heller, Walter E., International Corp. - SEE Amerifin Corp.							
Heller, Walter E., Overseas Corp. - SEE Fuji Bank Ltd. [Japan]							
Helsatex Africa (Pty.) Ltd. - SEE Dominion Textile Inc. [Can.]							
HENKEL KGaA [WG] (1) Dusseldorf, WG Chemicals, food, & miscellaneous products	[273]	Henkel family [WG] (100%)	Henkel Corp. Archem Products Inc.	Trochem (Pty.) Ltd. [JV with Anglo American Group (Chemical Services Ltd.)] Industrial Chemicals SA (Pty.) Ltd. Henkel SA - see Colgate-Palmolive Co.	Chemicals for mining Chemicals	(56) (175) 231	NI
Henred Fruehauf Trailers (Pty.) Ltd. - SEE Fruehauf Corp.							
Hertz Corp. - SEE RCA Corp.							
Hestico (Pty.) Ltd. - SEE Fairchild Industries Inc.							
Heublein Inc. - SEE R. J. Reynolds Industries Inc.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
Hewitt-Robinson-Denver (SA) (Pty.) Ltd. - SEE Litton Industries Inc.							
HEWLETT-PACKARD CO. (1,3,5,28) Palo Alto, CA Measuring & scientific equipment	75	Packard family (18%); Hewlett family (9%)		Hewlett-Packard SA (Pty.) Ltd.	Electronic, computing & medical equipment sales & service	247	Sales=\$51.0 (1984) Assets=\$11.8 (1982)
Highveld Steel & Vanadium Corp. Ltd. - SEE Newmont Mining Corp.							
Hochmetals Africa (Pty.) Ltd./Hochschild Trading Co. - SEE Anglo American Corp. of SA Ltd.							
Hodgson Extract Co. - SEE Barrow Hepburn Group [UK]							
HOLIDAY CORP. (24) Memphis, TN Hotels & restaurants (owned & franchised)	\$34	NI	(formerly Holiday Inns Inc.) Holiday Inns [International]	Holiday Inn [franchised; SA hotels are owned by S.A. Breweries]	Hotels licensee	NI	NI
HONEYWELL INC. (1,5,19,28) Minneapolis, MN Computers & office equipment	60	Citicorp (5%) (M); State Farm Mutual (4%)		Honeywell Automation (Pty.) Ltd.	Computer's & process control instruments sales & service	192	Sales LT \$49.0 Assets LT \$25.0
HOOVER CO. (1,3,5,28) Canton, OH Appliances	387	Hoover family (21%); First Natl. Bank of Chicago (5%)	Hoover Ltd. [UK]	Hoover SA (Pty.) Ltd. Hoover Properties (Pty.) Ltd.	Domestic electrical appliances	320	NI
Horwath & Horwath Intl. - SEE Laventhol & Horwath							
HOUDAILLE INDUSTRIES INC. (19,28) Fort Lauderdale, FL Pumping, packing & sealing equipment & industrial machinery	P47	Kohlberg, Kravis, Roberts & associates (100%)	John Crane-Houdaille Co. (formerly Crane Packing Co.)	Crane Packing (Pty.) Ltd.	Engineering specialists; packing & seals	100	NI
HOUGHTON, E. F., & CO. (24) Valley Forge, PA Specialty chemicals manufacturing		NI		R. H. Harris (Pty.) Ltd. (0?)	Specialty chemicals, lubricants, & hydraulic fluids	NI	NI
Houston National Bank - SEE RepublicBank Corp.							
Howden, Alexander, Group PLC [UK] - SEE Alexander & Alexander Services Inc.							
Huck Manufacturing Co. - SEE Federal-Mogul Corp.							
HUGHES TOOL CO. (19,21) Houston, TX Oilfield equipment & services	267	Borg-Warner Corp. (19%); Prudential Insurance (5%); Harris BankCorp. (3%)		Hughes Products	Rock drill bit manufacturing	10	NI
HUNT OIL CO. (4) Dallas, TX Crude oil production	P25	Hunt family (100%)	Placid Oil Co.	Placid Oil Co. SA	Oil exploration	NI	NI
HUNTINGTON BANC-SHARES INC. (6) Columbus, OH Commercial banking	B64	Huntington Bancshares (10%)(M); Nationwide Mutual Insurance (1%)	Huntington National Bank				\$0.4 (z) 0 (y)
Huntley & Palmer Foods PLC [UK] - SEE Nabisco Brands Inc.							
Hurdman & Cranstoun - SEE Main Hurdman/KMG							
Kussman International Inc. - SEE IC Industries							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
HUTTON, E.F., GROUP (7) New York, NY Diversified financial company	F13	Crary family (4%); R. Wrigley family (3%)					\$50.0 (z) \$50.0 (y)
HYDRO-AIR ENGINEERING INC. (1) St. Louis, MO Automation equipment		NI		Hydro-Air SA (Pty.) Ltd.	Roof truss machinery	16	NI
Hyster Co. - SEE ESCO Corp.							
IBM SA (Pty.) Ltd. - SEE International Business Machines Corp.							
IC INDUSTRIES INC. (1,3,5,24,28) Chicago, IL Diversified manufacturing & transportation	96	Intl. Tel. & Tel. (4%); Delaware Management (3%); First Interstate Bank (3%)	Hussman International Inc.	Hussman (Pty.) Ltd. [sold (5)]	Refrigerated cabinets		
Company MAY NO LONGER be in SA or Namibia			Abex Corp. (24)	Bestobell Engineering SA Ltd. (D?)	Hydraulic-press & steam equipment mfg. & engineering	NI	NI
ICC Industries Inc. (25) - SA subsidiary ICC Industries (SA) is DORMANT							
ICL PLC [UK] - SEE International Telephone & Telegraph Corp.							
ICS International Inc. - SEE National Education Corp.							
IES Engineering Co. (Pty.) Ltd. - SEE Goulds Pumps Inc. AND McNally Pittsburgh Inc.							
IMS INTERNATIONAL INC. (1,3,25,28) New York, NY Health & personal care industry services		T.J. Russett (6%)		IMS Intl. (SA) (Pty.) Ltd. PMISA (Pty.) Ltd. IPRA (Pty.) Ltd. IMSA (Pty.) Ltd. MIMS 1980 (Pty.) Ltd.	Market research	87	NI
INA Corp. - SEE CIGNA Corp.							
INCO [Can.] (2,3,5) - U.S. subsidiary ESB Inc. SOLD its SA subsidiary (Willard Africa (Pty.) Ltd.)							
IPRA (Pty.) Ltd. - SEE IMS International Inc.							
ITT - SEE International Telephone & Telegraph Corp.							
ILLINOIS TOOL WORKS INC. (20,28) Chicago, IL Metal fasteners, equipment, & tools, electronic products, & chemicals	455	Smith family (28%)		Illinois Tool Works SA (Pty.) Ltd.	Fasteners & packaging sales	5	NI
Immelwade Investments (Pty.) Ltd. - SEE Ashland Oil Inc.							
Independent Supply Co. EST [SA] - SEE Norton Co.							
Inductotherm Industries Inc. (1,5,19) - U.S. subsidiary Magnetic Metals Corp. SOLD SA interests (Rayclark Investments)							
Industrial Chemical Products SA (Pty.) Ltd. - SEE Henkel KGaA [WG]							
Industrial National Bank - SEE Fleet Financial Group Inc.							
Industrial Nucleonics Corp. - SEE AccuRay Corp.							
Infoplan International Inc. - SEE Interpublic Group of Cos. Inc.							
Infurnco (Pty.) Ltd. - SEE Ajax Magnethermic Corp.							
INGERSOLL-RAND CO. (1,5,28) Woodcliff Lake, NJ Industrial & farm equipment	165	Prudential Insurance (4%); J.P. Morgan & Co. (4%)		Ingersoll-Rand Co. SA (Pty.) Ltd.	Industrial & mining compressed-air equipment	477	Sales=\$37.0 Assets=\$31.0

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
INLAND STEEL CO. (9) Chicago, IL Integrated steel manufacturer	127	NI	Joseph T. Ryerson & Son Inc.	Rabor Steel Services Ltd. (40% (other owner is Barlow Rand Ltd. [SA])	Steel processing	92	Sales=\$4.0 (1976)
Inmont Corp. - SEE United Technologies Corp.							
Insurance Co. of North America - SEE CIGNA Corp.							
Intell' [SA] - SEE Control Data Corp.							
Interdata [SA] - SEE Control Data Corp.							
INTERFIRST CORP. (6,7,10,28) Dallas, TX Commercial banking	B16	Richardson- Bass family (5%); Kirby family interests(4%); D.L. Babson & Co. (4%)	(formerly First International Bancshares Inc.) First National Bank in Dallas				\$200.0 (z) \$100.0 (y) [Bank claims no outstanding loans]
INTERMAGNETICS GEN- ERAL CORP. (26) Guilderland, NY Superconducting, magnetic, & elec- tronic equipment		Copperfields Mining [Can.] (LT 50%)		Intermagetics Transkei (Pty.) Ltd.	(JV wth Transkei Development Corp.)	NI	NI
Inter-Mountain Mining Co. [SA] - SEE Broken Hill Proprietary Co. Ltd. [Aust.]							
International Bechtel Inc. - SEE Bechtel Corp.							
INTERNATIONAL BUSI- NESS MACHINES CORP. (1,2,3,5,19,28) Armonk, NY Computers & office equipment	5	J.P. Morgan & Co. (2%); Manufactur- ers Hanover Trust (2%)	IBM World Trade Corp.	IBM SA (Pty.) Ltd.	Computers & office products	1,793	Sales LT \$230.0 (1983) Assets=\$88.6 (1982)
International Computers (SA) Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
International Commercial Bank PLC [UK] - SEE Bank of Boston AND Irving Bank Corp.							
INTERNATIONAL FLAVORS & FRAGRANCES INC. (1,3,28) New York, NY Chemicals	470	Haebler family (22%); van Ameringen family (14%)		Int'l. Flavors & Fragrances SA (Pty.) Ltd.	Flavors, frag- rances, & aroma chemicals	36	Sales=\$4.6
INTERNATIONAL HAR- VESTER CO. (1,3,5,12,22,25,28) Chicago, IL Industrial & farm equipment	104	Teledyne (9%); Continental Illinois Nat'l. Bank (9%)(M)	{Sold farm equipment business to Tenneco Inc., 1-85; may include SA operations}	Int'l. Harvester Co. SA (Pty.) Ltd. Soilmaster Ltd. Pan African Industries Ltd. (LT 50%) Mindaco (Pty.) Ltd. [Nam.]	Trucks & farm equipment Farm equip- ment Marketing	(498) (58) (NI)	Sales=\$40.0 Assets=\$43.0 556+
International Latex Corp. - SEE Beatrice Cos.							
INTERNATIONAL MIN- ERALS & CHEMICAL CORP. (1,3,19,22,25,28) Northbrook, IL Chemicals	237	Leir family (7%); Kemper family in- terests (4%)	E.J. Lavino & Co.	COC (Pty.) Ltd. Lavino SA (Pty.) Ltd. Ruigtepoort Ftuorspar (Pty.) Ltd.	Chrome ore mining & prospecting [also in Nam.]	234	NI
International Nickel - SEE INCO [Can.] [renamed]							
International Ore & Fertilizer Corp. - SEE Occidental Petroleum Corp.							
International Paper Co. (25) - SA subsidiary Int'l. Paper Co. of Africa (Pty.) is DORMANT							
International Playtex - SEE Beatrice Cos.							
International Publishers Representatives [SA] - SEE Harper & Row Publishers Inc.							
International Shipping Co. (Pty.) Ltd. - SEE Trade & Industry Acceptance Corp. Ltd. [SA]							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
International Standard Brands - SEE Nabisco Brands Inc.							
INTERNATIONAL STAPLE & MACHINE CO. (4) Butler, PA Packaging & nailing equip.		Monacelli family		African Commerce Development Co. (Pty.) Ltd.	Stapling machines	NI	NI
International Systems (Pty.) Ltd. - SEE ACCO World Corp.							
INTERNATIONAL TELEPHONE & TELEGRAPH CORP. (1,2,3,5,9,25,28) New York NY Electronics	20/ [324]	Pritzker & Anschutz families (5%); duPont family (4%); Bankers Trust (4%)(M); I. Jacobs & assoc. (4%)	ITT (UK) Ltd. [UK] Standard Telephones & Cables PLC [UK] (24%)[ranked #324] outside U.S.]	ITT Africa & Middle East Supersonic Radio & TV Co. (Pty.) Ltd. African Telephone Cables (Pty.) Ltd. (11%)[Allied Technologies interest (33%) sold to SA group, 1980]	Liaison office Radio products Telephone equipment	(2) (441) (850)	Sales=\$36.9+ Assets=\$10.0+
			ICL PLC [UK] (acquired 11-84; ranked #345) outside US)	International Computers (SA) (Pty.) Ltd. (93%) ICL Computer Point (Pty.) Ltd. Intl. Computers Equipment Finance Corp. (SA) Ltd. (LT 50%)	Computer equipment sales & service	(1,047)	
			ITT Industrial Inc. Alfred Teves GmbH [WS]	Alfred Teves Engineering SA (Pty.) Ltd.	Brakes & brake parts	(365)	
			Sheraton Corp.	Sheraton Pacific Hotels (Pty.) Ltd. Maister Directories Ltd. (25%) Yellow Pages (Pty.) Ltd.	NI Advertising	(NI) (610)	
						3,313+	
INTEROCEAN STEAMSHIP CORP. (1,3,22,28) Florida Steamship line		Lykes family.	Lykes Brothers Steamship Co. (purchased from LTV Corp., 2-83)	Lykes Lines Agency Inc.	Shipping agency [also in Nam.]	17	NI
Interpace Corp. - SEE Clevepak Corp.							
Interpak Holdings Ltd. - SEE Allegheny International Inc.							
Interprint (Pty.) Ltd. - SEE Allegheny International Inc.							
INTERPUBLIC GROUP OF COS. INC. (1,3,25,28) New York, NY Advertising agency	Ad1/ S90	Berkshire Hathaway (Buffett family) (8%); Ruane Cunniff & Co. (8%); directors & officers (17%)	McCann-Erickson/Worldwide Infoplan Intl. Inc.	McCann Erickson SA (Pty.) Ltd. Adsearch (Pty.) Ltd. Charybdis Holdings (Pty.) Ltd. Metropolitan Advertising Co. (Pty.) Ltd. Star Bill Posting & Advertising Co. (Pty.) Ltd.	Advertising and public relations	(71) (NI) (NI)	Sales=\$11.0 Assets=\$16.0
			Marschalk Campbell-Ewald Worldwide	Campbell-Ewald (Pty.) Ltd.		(52)	
			SSC&B: Lintas Worldwide	Lintas (Pty.) Ltd. Lintas Worldwide Namibia (Pty.) Ltd. Media Initiatives (Pty.) Ltd.		(137)	
						260+	

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
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Intersil Inc. - SEE General Electric Co.

Irvin Industries Inc. - SEE Halle & Stieglitz Inc.

Irving Air Chute Co. - SEE Halle & Stieglitz Inc.

IRVING BANK CORP. (6,7,18,27) New York, NY Commercial banking Loan policy = 6	B22	Republic of Texas Corp. (2%); Hong Kong & Shanghai Banking Towns 51% Marine Midland Banks (1%)	(formerly Charter New York Corp.) Irving Trust				\$125.0(z) \$78.5 (y)
			Banca della Svizzera Italiana [Switz.] (40%)				
			International Commercial Bank PLC [UK] (LT 50%)				

JWT GROUP (1,3,5,19,25) New York, NY Advertising agency	Ad2	NI	J. Walter Thompson Co.	J. Walter Thompson Co. SA (19%) Hamilton Russell SA (Pty.) Ltd.	Advertising	111	NI
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JACOBS ENGINEERING GROUP INC. (9) Pasadena, CA Engineering & construction		J. Jacobs family (40%)			Chemical plant construction	NI	NI
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Jacobs Industries Inc. (4,28) - US subsidiary Watkins Products Inc. SOLD SA subsidiary, J.R. Watkins (Africa), 1970

Jagdust Chrome Co. (Pty.) Ltd. - SEE Union Carbide Corp.

Janssen Pharmaceutica (Pty.) Ltd. - SEE Johnson & Johnson Co.

Javelin Electronics - SEE Kidde Inc.

Jeep International - SEE American Motors Corp.

Jeffrey Co. - SEE Dresser Industries Inc.

Jet Oil Co. of SA (Pty.) Ltd. - SEE D. A. Stuart Oil Co. Ltd.

Johannesburg Tom King [SA] - SEE Boyden Associates Inc.

John Brown PLC [UK] - SEE Brown, John, PLC [UK]

John Crane-Houdaille Co. - SEE Houdaille Industries Inc.

John Deere (Pty.) Ltd. - SEE Deere & Co.

John Fluke Manufacturing Co. - SEE Fluke, John, Manufacturing Co.

John Wiley & Sons Inc. - SEE Wiley, John M., & Sons Publishers Inc.

Johns-Manville Corp. - SEE Manville Corp.

JOHNSON CONTROLS INC. (1,3,20,25,28) Milwaukee, WI Electronic equipment	251	Posner family interests (13%); T. Rowe Price & Assocs. (6%)	Johnson Controls International Inc.	J. C. Johnson Controls (Pty.) Ltd. Raylite Holdings (Pty.) Ltd.	Installation of environmental, security, fire, & computer monitoring equipment Batteries	(121) (NI)	Sales = \$4.7 Assets = \$0.9
						121+	

JOHNSON & JOHNSON CO. (1,3,5,19,22,28) New Brunswick, NJ Pharmaceuticals	57	R.W. Johnson Foundation (13%); J.P. Morgan & Co. (3%)		Ethnor (Pty.) Ltd. Johnson & Johnson Professional Products (Pty.) Ltd.	Pharmaceuticals	(370)	Sales=\$60.0 Assets=\$42.0
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<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
JOHNSON & JOHNSON CO. (cont.)				Johnson & Johnson (Pty.) Ltd. [also in Nam.] Debs-Vogue (Pty.) Ltd. Theatre Developments (Pty.) Ltd. Janssen Pharmaceutica (Pty.) Ltd.	Toiletries & surgical dressings	(1,198) (NI) (NI) (95)	1,663+
JOHNSON, S.C., & SON INC. (1,3) Racine, WI Paints	P10	Johnson family (60%); Louis Family(40%)		S.C. Johnson & Son SA (Pty.) Ltd.	Home, auto, industrial & personal care	168	NI
Jonsson Advertising (Pty.) Ltd. - SEE Foote, Cone & Belding Communications Inc.							
JOROACHE ENTERPRISES INC. (26) New York, NY Clothing wholesaling		Makash family			Licensing or franchising	NI	NI
JOY MANUFACTURING CO. (1,2,3,20,22,28) Pittsburgh, PA Industrial & mining equipment	390	Prudential Insurance (4%); BankAmerica (4%)	Denver Equipment Co.	Joy Manufacturing Co. Africa (Pty.) Ltd. Denver Equipment Co. SA (Pty.) Ltd. (2)	Mining equipment [also in Nam.]	907	Sales=\$40-50 Assets=\$25-30
Julius Epstein Ltd. [SA] - SEE Cogsdill Tool Products Inc.							
KCSA Holdings (Pty.) Ltd. - SEE Kimberly-Clark Corp.							
KFC Corp. - SEE R. J. Reynolds Industries Inc.							
K.R.C. Resources SA (Pty.) Ltd. - SEE King Resources							
Kaceeware (Empangeni) (Pty.) Ltd. - SEE Eaton Corp.							
Kaiser Engineers - SEE Raymond International Inc.							
Kaiser Industries (4) - LIQUIDATED 1979-80; company had SA subsidiary (Kaiser Trading)							
Kalahari Manganese (Pty.) Ltd. - SEE Armco Steel Corp.							
KANEB SERVICES INC. (4) Houston, TX Energy production, transportation, & services	S91	Directors & officers (9%); Unocal (5%)	Pipe Line Technologists Inc.	Pipe Line Technologists (Netherlands) N.V.	Engineering services	NI	NI
Kay Corp. (1,3) - U.S. subsidiaries (PYO International [formerly Pacific Oilseeds], Seedtec Intl.) SOLD SA interests (Saffola Seeds), 1981							
Keograms (Pty.) Ltd. - SEE Baxter Travenol Laboratories							
KELLOGG CO. (1,3,5,19) Battle Creek, MI Food	158	Kellogg Foundation (34%); AmeriTrust (10%); Gund family		Kellogg Co. SA (Pty.) Ltd.	Cereals, drinks, & jellies	333	Sales=\$12.5
Kelly-Springfield Tire Co. - SEE Goodyear Tire & Rubber Co.							
Kendall Co. - SEE Colgate-Palmolive Co.							
KENDAVIS INDUSTRIES INC. (2,3,19,28) Fort Worth, TX Contract drilling & oil field supplies	P10	Davis family (100%) [Company is in bankruptcy; reorganizing]	Stratoflex Inc. Mid-Continent Supply Co. Unit Rig & Equipment Co.	Stratoflex (Pty.) Ltd. [sold, 1981] Unit Rig & Equipment Co. SA (Pty.) Ltd.	Hydraulic hoses & end fittings Heavy duty trucks & spare parts	9	NI
Kennecott Copper Corp. - SEE British Petroleum Co. PLC [UK]							
Kennedy Van Saun Corp. - SEE McNally Pittsburgh Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Kentucky Fried Chicken SA (Pty.) Ltd. - SEE R. J. Reynolds Industries Inc.							
Keyes Fibre Co. - SEE Royal Packaging Industries Van Leer B.V. [Neth.]							
KIDDE INC. (12) Clifton, NJ Industrial equipment	161	Teledyne (28%); First Oklahoma Ban- corp (4%)	(formerly Walter Kidde & Co.) Javelin Elec- tronics	[Joint ventures with Peabody International]	Storage tanks & television equipment	NI	Assets=\$6.0 (JY)
KIDDER, PEABODY & CO. (4,6,7,8,18,27) New York, NY Investment banking		Albert H. Gordon fam- ily (12%); Ralph D. DeNunzio (5-10%)		Kidder, Peabody (Pty.) Ltd.	Financial con- sultants	NI	NI (Investments) \$1,154.6(z) \$938.8(y)
KIMBERLY-CLARK CORP. (1,3,5,19,20,28) New York, NY Paper, fiber, & wood products	120	National De- troit Bank (5%); Mellon Natl. Bank (5%); J.P. Morgan & Co. (5%)(M)		Carlton Paper Corp. Ltd. (39%) K.C.S.A. Hold- ings (Pty.) Ltd. (50%) [Co-owned by Federale Myn- hou/General Mining Union group (SA)]	Tissue & non- woven pro- ducts	1,804	Sales=\$45.0 Assets=\$11.0
King Resources (4) - BANKRUPT; company had SA subsidiary (K.R.C. Resources) and titanium mine interest.							
Klensan (Pty.) Ltd. - SEE Economics Laboratory Inc.							
Kodak SA (Pty.) Ltd. - SEE Eastman Kodak Co.							
Koehring Co. - SEE Canadian Pacific Ltd. [Can.]							
KOPPERS CO. INC. (24,25,28) Pittsburgh, PA Coal, aggregates, machinery, & wood products produc- tion	221	Mellon Bank (6%)		Sprout-Waldron of SA (Pty.) Ltd. [US company sold interest in tar plant.]	Steel mills, synthetic fuels, chemi- cals, machi- nery building materials, & engine compo- nents	9	Sales=\$0.75 (1983) Assets=\$1.1 (1984)
Koracorp Industries Inc. - SEE Levi Strauss & Co.							
Koret of California SA (Pty.) Ltd. - SEE Levi Strauss & Co.							
Kozyheat (Pty.) Ltd. - SEE Oak Industries Inc.							
Kraft Inc. - SEE Dart & Kraft Inc.							
Kuhn, Loeb & Co. - SEE American Express Co.							
Kuper, I., & Co. Insurance Brokers (Pty.) Ltd. - SEE Alexander & Alexander Services Inc.							
KUWAIT PETROLEUM CORP. [Kuwait] (4) Kuwait Oil production & oil field services	[33]	Kuwait Govern- ment (100%)	Santa Fe In- ternational Corp. C.F. Braun & Co.	Braun Trans- world Corp.	Construction & engineering	NI	NI
LTV Corp. (1,3,24) Dallas, TX Diversified steel, oilfield equipment, & defense manu- facturing	78/ 145	Bass-Richard- son Family (15% pref.)	Republic Steel Corp. [acquired 7-84; ranked #145 in U.S.] Mooney Aircraft Corp. [Sold Lykes Bros. Steamship Co. to InterOcean Steamship Corp., 2-83]	Southern Africa Aircraft Sales (Pty.) Ltd (DP)	Single-engine high-perform- ance aircraft	NI	NI
L & M RADIATORS INC. (1,3,19) Hibbing, MN Radiator manufac- turing		Chisolm family		L & M Radiator SA (Pty.) Ltd.	Heavy-duty radiator & cooling systems	2	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Lambert SA (Pty.) Ltd. - SEE Marmon Group							
Laminate Industries (Pty.) Ltd. - SEE American Cyanamid Co.							
Lantor Nonwovens SA (Pty.) Ltd. - SEE West Point-Pepperell Inc.							
Lara! Pizza Dens (Pty.) Ltd. - SEE Pizza Inns Inc.							
Lasher Tools (Pty.) Ltd. - SEE Norton Co.							
Lauder, Estee - SEE Estee Lauder Inc.							
LAVENTHOL & HORWATH (24) New York, NY Accounting & management consulting	A10 (1979)	(Partnership)	Horwath & Horwath Int'l.	Horwath & Horwath Management Consultants (Pty.) Ltd.	Auditors	NI	NI
Lavino, E.J., & Co. - SEE International Minerals & Chemical Corp.							
LAZARD FRERES & CO. (6,7,18) New York, NY Investment banking		David-Weill family [Fr.] (35%); Pearson PLC [UK] (10%); partners					\$227.9(z) \$162.7(y)
Lazarus, Nathan, Holdings (Pty.) Ltd. - SEE Alexander & Alexander Services Inc.							
LEAR SIEGLER INC. (22) Santa Monica, CA Aerospace, auto, machinery, & electronics products	236/- 438	Directors/officers (7%); Paine-Webber (7%)	Bangor Punta Corp. [acquired 2-84; ranked #438 in U.S.] Piper Aircraft Corp.		Marketing or franchising [Namibia]	NI	NI
LEASE PLAN INTERNATIONAL CORP. (4) Purchase, NY Leasing		Lease Plan Holding NY [Neth.] (100%)		Lease Plan Int'l. Corp. of South Africa	Leasing	NI	NI
LECO CORP. (1,3,28) St. Joseph, MI Heating & analytical equipment		Warren family		Leco SA (Pty.) Ltd.	Analytical instruments distribution	25	NI
Lederle Laboratories (Pty.) Ltd. - SEE American Cyanamid Co.							
Lee, H.D., Co. Inc. - SEE VF Corp.							
Leeds & Northrup Co. - SEE General Signal Corp.							
Lehman Brothers Kuhn Loeb Inc. - SEE American Express Co.							
LeTourneau Offshore Inc. - SEE Penn Central Corp.							
LEVI STRAUSS & CO. (4) San Francisco, CA Apparel	143	Haas family (44%); Rothschild family group (9%)	Koracorp Industries Inc.	Koret of California SA (Pty.) Ltd.	Women's clothing	NI	NI
Lexington Andrews International Inc. - SEE Macmillan Inc.							
Leys, J.A., Engineering (Pty.) Ltd. - SEE Rexnord Inc.							
LITBEY-OWENS-FORD CO. (1,19,24) Toledo, OH Glass & plastic products, & fluid-power systems	266	Pilkington Bros. [UK] (30%)		Aeroquip SA (Pty.) Ltd.	Glass, industrial, fluid-power, & aerospace products	(NI)	(NI)
			Vickers Div. [purchased from Sperry Corp., 1-84]	Sperry Vickers Div. Power Systems Int'l.	Hydraulic & pneumatic equipment	(80)	(NI)
						80+	NI
Life Savers Inc. - SEE Nabisco Brands Inc.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
LILLY, ELI, & CO. (1,3,20,28) Indianapolis, IN Pharmaceuticals	130	Lilly Endowment (18%); Lilly family (10%); Merchants Natl. Bank (5%) (M)		Eli Lilly Labora- tories SA (Pty.) Ltd. Elizabeth Arden (South Africa) (Pty.) Ltd. Gerjoan In- vestments (Pty.) Ltd.	Pharmaceuti- cals & ag- ric. equip. Cosmetics	(166) (74)	Assets=\$2.0 Sales=\$6.0
240							
Lincoln First Banks Inc. - SEE Chase Manhattan Corp.							
Lindsay Smithers-FCB (Pty.) Ltd.- SEE Foote, Cone & Bolding Communications Inc.							
Link-Belt Co. - SEE FMC Corp.							
Lintas (Pty.) Ltd./Lintas Worldwide Namibia - SEE Interpublic Group of Cos. Inc.							
Lion Chemicals (Pty.) Ltd. - SEE Din Corp.							
Lion Match Co. Ltd. - SEE Allegheny International Inc.							
LITTON INDUSTRIES INC. (4) Beverly Hills, CA Electronics & diver- sified manufacturing	74	Teledyne (28%); Charles Thornton family (3%)	Litton Power Transmission Division	Hewitt-Robinson- Denver (SA) (Pty.) Ltd.	Materials hand- ling systems	NI	NI
LOCTITE CORP. (1,3,4,28) Newington, CT Chemicals	766	R.H. Kriebler family (23%)	Permatex Co. Inc.	Loctite SA (Pty.) Ltd. Permatex (South Africa)(Pty.) Ltd.	Adhesives & sealants Automotive & industrial chemicals	38	Sales LT \$2.2 Assets LT \$2.1
LOEWS CORP. (3) New York, NY Diversified financial & manufacturing corporation	F14	Tisch family (38%); FMR Corp. (3%)	Bulova Watch Co. (ranked #850 in U.S. in 1982)	NI	NI	NI	NI
London Multinational Bank Ltd. [UK] - SEE Chemical New York Corp.							
Longyear Co. - SEE Anglo-American Corp. of South Africa Ltd. [SA]							
Lopis (Pty.) Ltd. - SEE Nestle S.A. [Switz]							
Lord Corp. (20,28) - SOLD SA subsidiary (Advanced Chemicals), 1982.							
Los Angeles Times - SEE Times Mirror Co.							
Lovable Co. (4,28) - Ended investment in subsidiary (Lovable Co. of SA), 1973.							
Lowndes Lambert (SA) (Pty.) Ltd. - SEE Alexander & Alexander Services Inc.							
LUBRIZOL CORP. (1,3,28) Wickliffe, OH Chemicals	343	National City Bank (11%)(M); Wm. A. Polster family (6%)		Lubrizol SA (Pty.) Ltd.	Oil & fuel additives	42	Sales=\$16.0 Assets=\$14.0
Lykes Brothers Steamship Co. - SEE InterOcean Steamship Corp.							
MCA INC. (1,3) Universal City, CA Motion picture production & distribution	S35	J. Stein & L. Wasserman families (30%); Capital Group (3%)	Cinema Inter- national Corp.	Cinema Intl. Corp. South Africa	Film distri- bution	270	NI
MQM Engineering [SA] - SEE McNally Pittsburgh Inc.							
MDS Executive Headquarters - SEE Mohawk Data Sciences							
M.F. Properties (Pty.) Ltd. - SEE Emhart Corp.							
MGM/UA ENTERTAIN- MENT CO. (1,3) Culver City, CA Film production and distribution	S75	K. Kerkorian (50%)	{formerly Metro- Goldwyn- Mayer Films Inc.}				

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
MGM/UA ENTERTAINMENT CO. (cont.)			Metro-Goldwyn Mayer Int'l. Inc.	MGM Films SA (Pty.) Ltd.	Film distribution	(3)	NI
			United Artists Corp. [purchased from Transamerica Corp., 1981]	United Artists Corp. SA (Pty.) Ltd.	Film distribution	(20)	
						23	
MIMS 1980 (Pty.) Ltd. - SEE IMS International Inc.							
MSD (Pty.) Ltd. - SEE Merck & Co.							
MSL Southern Africa - SEE Saatchi & Saatchi Co. PLC [UK]							
M & T Chemicals Inc. - SEE Elf-Aquitaine, Societe Nationale [Fr.]							
Mabo Holdings (Pty.) Ltd. - SEE Canadian Pacific Ltd. [Can.]							
MACDERMID INC. (26) Waterbury, CT Specialty chemicals and supplies mfg. for electrics & metals		Employee stock ownership plan (15%); directors/-officers (9%)		(JV with Automatic Metal Finishing [SA])	Mechanical plating systems for electronics, semiconductors, & metals	NI	NI
MacDonald Purnell (Pty.) Ltd. - SEE Pergamon Holding Corp.							
MACHILLAN INC. (1,3,28) New York, NY Publishing	499	T. Mellon Evans family (21%); Neuberger & Berman (5%)		Collier Macmillan SA (Pty.) Ltd. P.F. Collier Inc. Lexington Andrews International Inc.	Books Encyclopedias Encyclopedias	(11) (NI) (NI)	NI
						11+	
Magnet Wire (Pty.) Ltd. - SEE General Electric Co.							
Magnetic Metals Corp. - SEE Inductotherm Industries Inc.							
Magnolia Plantations (Pty.) Ltd. - SEE U.S. Gypsum Co.							
MAIN HURDMAN/KNG (26) New York, NY Accounting	A9	(Partnership)	(formerly Main Hurdman & Cranstoun [merger of Hurdman & Cranstoun with Main, Lafrentz & Co.]	Hurdman & Cranstoun (Pty.) Ltd.	Accounting	NI	NI
Maister Directories Ltd. - SEE International Telephone & Telegraph Corp.							
Mallory International - SEE Dart & Kraft Inc.							
Management Placements (Pty.) Ltd./Management Training (Pty.) Ltd. - SEE Charles St. Thomas Group							
MANCO TAPE INC. (26) Cleveland, OH Pressure tape, weatherstripping, & supplies		NI		Manco Tape (SA) (Pty.) Ltd.	Tape marketing	NI	NI
MANHATTAN INDUSTRIES (4) New York, NY Apparel	621	Directors/officers (12%)	Manhattan Shirt Co.	Manhattan Shirt Co. of South Africa	Shirts, pajamas & other clothing	NI	NI
Manpower Inc. - SEE Parker Pen Co.							
Manufacturers & Traders Trust Co. - SEE First Empire State Corp.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
MANUFACTURERS HANDYER CORP. (6,7,15,18) New York, NY Commercial banking Loan policy = G	84	Manufacturers Hanover Corp. (7%)(M); J.P. Morgan & Co. (3%)	Manufacturers Hanover Trust Co.				\$1,414.9 (z) \$ 736.4 (y)
MANYILLE CORP. (4) Denver, CO Gypsum & other materials	199	Torrey Clark & Co. (12%); First Na- tional Ban- corp (9%)(M); Bear Stearns & Co. (9%)	(formerly Johns- Manville Corp.) Buckner In- dustries Inc. [sold 1980]	International Johns-Manville (Pty.) Ltd. Buckner Manufac- turing Co. (Africa)(Pty.) Ltd.	Building & industrial materials Irrigation equipment	NI	NI
Marathon Manufacturing Co. - SEE Penn Central Corp.							
Marchon-Paragon Sulphonation (Pty.) Ltd. - SEE Tenneco Inc.							
Maremont Corp. - SEE Swiss Aluminum Ltd. [Switz.]							
Marico Chrome Corp. (Pty.) Ltd. - SEE Armco Steel Corp.							
Marico Fluorspar (Pty.) Ltd. - SEE U. S. Steel Corp.							
Marikleen (Pty.) Ltd. - SEE Ashland Oil Inc.							
Marius Garb (Pty.) Ltd. - SEE Minnesota Mining & Manufacturing Co.							
Markwell Africa (Pty.) Ltd. - SEE Senco Products Inc.							
MARMON GROUP INC. (1,3,19,28) Chicago, IL Industrial products, mining, & trading	235	Pritzker family (82%)	Trans Union Corp. Getz Corp. Muller & Phipps Intl. Corp. Getz Bros. & Co. Inc.	Armour-Africa (Pty.) Ltd. Muller & Phipps Africa (Pty.) Ltd. Max Frank (Pty.) Ltd.	Groceries, hardware, & pharma- ceuticals marketing	(NI) (350)	(60) (Sales=\$3.5)
			Marmon Group Ltd. [UK]	Lambert SA (Pty.) Ltd.	NI	(NI)	350+ Sales GT #3.5
MARRIOTT CORP. (1,3,28) Washington, DC Hotels & food service	R29	Marriott family (23%)		Marriott In- Flite Services	Industrial & aviation catering	460	Sales LT \$11.0 Assets LT \$0.6
Marschalk Campbell-Ewald Worldwide - SEE Interpublic Group of Cos. Inc.							
MARSH & McLENNAN COMPANIES INC. (1,14,19,22) New York, NY Insurance & finance	F85 (1982)	J.P. Morgan & Co. (7%) (M); T. Rowe Price & Assocs. (5%)	C.T. Bowring & Co. Ltd. [UK] Crusader Insurance PLC [UK] (75%; sold to CIGNA, 10-83)	Bowring Bar- clays & As- socs. (SA) Ltd. (33%) [C.T. Bowring has 29 other affiliates & subsidiaries in SA]	Insurance bro- kerage [also in Namibia]	1,050	NI
Martin Marietta Corp. - SOLD Master Builders Div. (SA subsidiary Embecon) to Sandoz Ltd. [Switz.], 4-85							
MARYLAND NATIONAL CORP. (6,7,28) Baltimore, MD Commercial banking Loan policy = G+	B61	U.S. Steel Corp. (5%) (M); Ameri- can General Insurance (4%)	Maryland National Bank				\$51.2 (z) 0 (y) [Bank's OWN outstanding loans = \$17.9 (12-83)]
Masonite Corp. - SEE U.S. Gypsum Co.							
Master Builders - SEE Sandoz Ltd. [Switz.]							

PARENT COMPANY RANK SHAREHOLDERS US SUBSIDIARY SA SUBSIDIARY PRODUCT SA EMPLOYEES \$ INVOLVEMENT

Max Factor & Co. - SEE Beatrice Cos.

Max Frank (Pty.) Ltd. - SEE Marmon Group Inc.

McCann Erickson SA (Pty.) Ltd. - SEE Interpublic Group of Cos.

McCarthy Industrial Holdings Ltd. - SEE Bardahl Manufacturing Corp.

McCormack & Dodge - SEE Dun & Bradstreet Corp.

McDERMOTT INTERNATIONAL INC. [Pan.] (25) New Orleans, LA Marine construction, & power equipment & diversified manufacturing	72 (1982)	Bass-Richardson family (5%)	McDermott Inc. Babcock & Wilcox Co. Coutinho, Caro & Co. K&G [WG] Coutinho, Caro & Co. Ltd. [UK] (50%)	Diamond Power Specialty (Pty.) Ltd. Protea Intl. (Pty.) Ltd. (50%) [Protea Holdings Ltd. (SA) owns 50%]	NI	NI	NI
McGRAW-HILL INC. (1,3,28) New York, NY Publishing	255	McGraw family (20%); J.P. Morgan & Co. (6%)	Business Week	Business Week McGraw-Hill Book Co. SA (Pty.) Ltd.	News gathering Education books & audiovisual material	(1) (42)	NI
						43	

McKee & Co. - SEE Davy Corp. [UK]

McKinnon Chain SA (Pty.) Ltd. - SEE Columbus McKinnon Corp.

McKUNE, TEDD, INVESTMENT CO. (PTY.) LTD. [SA] (1,3) Camps Bay, SA Investment		Tedd McKune (U.S.) (100%)		Tedd McKune Investment Co. (Pty.) Ltd.	Investments	1	NI
McLEAN INDUSTRIES INC. (1,3,22) New York, NY Shipping & resources development	T30	M.P. McLean family (90%)	United States Lines (S.A.) Inc. (bought 1-83; formerly Moore McCormack Lines)	Moore McCormack SA (Pty.) [also in Namibia]	Shipping line	21	NI
McNALLY PITTSBURGH INC. (24) Pittsburgh, KS Coal handling & processing equipment manufacturing		McNally family	Kennedy Van Saun Corp.	MDM Engineering (D?) IES Engineering Co. (Pty.) Ltd. (D?) [see also Goulds Pumps Inc.]	Crushers Mineral processing systems equipment	NI	NI

McNaughtan, Walter, (Pty.) Ltd. - SEE Binks Manufacturing Corp.

MEASUREX CORP. (3,5) Cupertino, CA Process control systems		Bessemer Securities (Phlips family) (11%); Bossen family (6%)		Measurex South Africa (Pty.) Ltd.	Computer process control systems	35	NI
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Media Initiatives (Pty.) Ltd. - SEE Interpublic Group of Cos. Inc.

MEDIA NEWS CORP. (1,3) Nashville, TN News wire service		D.F. Ruhe & W.E. Geissler (83%)	UPI Inc. (purchased from E.W. Scripps Co., 1982)	United Press International	News gathering	3	NI
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Med-Nim (Pty.) Ltd. - SEE Schering-Plough Corp.

MEDTRONIC INC. (20) Minneapolis, MN Pacemakers & medical equipment	622	NI		Medtronic (Africa) (Pty.) Ltd.	Pacemakers & medical equipment sales	NI	NI
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PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
MEEHANITE METAL CORP. (4) St. Louis, MO Foundry consulting		Kessler family		Meehanite (Africa) (Pty.) Ltd.	Castings	NI	NI
Melia Holdings (Pty.) Ltd. - SEE Movie Star Inc.							
MELLON BANK CORP. (6) Pittsburgh, PA Commercial banking	B13	Mellon Bank Corp. (24%); Mellon family (18%)	(formerly Mellon National Corp.) Mellon Bank				\$0.5 (z) 0 (y)
Loan policy = G							
Memorex Corp. - SEE Burroughs Corp.							
MERCHANTS NATIONAL CORP. (6,7) Indianapolis, IN Commercial banking		Frenzel family (19%)	Merchants Natl. Bank & Trust				\$50.0 (z) 0 (y)
MERCK & CO. INC. (1,3,5,19,25,28) Rahway, NJ Pharmaceuticals	124	Fidelcor (3%); Citicorp (2%)	Merck, Sharp & Dohme (Int'l.) Ltd. [Ber.] Baltimore Aircoil Co. [sold to Amsted Industries, 5-85]	MSD (Pty.) Ltd. Baltimore Aircoil Co. SA (Pty.) Ltd.	Pharmaceuticals & animal health & agrochemical products Water treatment chemicals	(305)	Sales=\$39.0 Assets=\$23.0
Flocotan (Pty.) Ltd.							
Thermotrol Engineering Co. (Pty.) Ltd.							
NI (NI)							
338+							
Mer-National Labs - SEE Dow Chemical Co.							
Merrell Dow Pharmaceuticals/Merrell Engineering Labs/Merrell Natl. Labs - SEE Dow Chemical Co.							
MERRILL LYNCH & CO. (6,7,8,9,18) New York, NY Diversified financial company	F6	Paribas [Fr.] (3%); Donald T. Regan & Assocs. (2%); J.P. Morgan & Co. (1%)	(formerly Merrill Lynch, Pierce, Fenner & Smith) Merrill Lynch Intl. & Co. White Weld Holdings Inc.				\$804.7 (z) \$704.7 (y)
Loan Policy = G							
Company says it no longer underwrites SA bond issues(9)							
Metal & Chemical Industries (Pty.) Ltd. - SEE Associated Metals & Minerals Corp.							
Metal Industries Central Africa Ltd. [SA] - SEE Eaton Corp.							
METALLURG INC. (19) New York, NY Ferroalloy mining & manufacturing	P32	NI		Metallurg SA (Pty.) Ltd.	Metallurgical alloys	17	NI
Metro-Goldwyn-Mayer Films Inc. - SEE MGM/UA Entertainment Co.							
Metropolitan Advertising Co. (Pty.) Ltd. - SEE Interpublic Group of Cos. Inc.							
Meyer, George J., Manufacturing Co. - SEE Figgie International Holdings							
Micrographix (Pty.) Ltd. - SEE Bell & Howell Co.							
Mid-Continent Supply Co. - SEE Kendavis Industries Inc.							
MIDLAND BANK PLC [UK] (6,7,18) London, UK Commercial banking	[B14]/ B14	NI	Crocker Natl. Corp. (ranked #B14 in USA)				\$121.7 (z) \$16.0 (y) (Crocker Natl. only)
Loan policy (Crocker) = Cb							
Samuel Montagu & Co. [UK] (60%) (see also Aetna Life & Casualty Co.)							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
MOBIL CORP. (cont.)				South African Oil Refining Co. (Pty.) Ltd. (40%)	Lubricant oils & greases	(205)	
				Condor Oil (Pty.) Ltd.	Reprocessing used oil products		
				Vialit (Pty.) Ltd.	Bitumen mfg. & sales		
				Westchester Insurance Co. (Pty.) Ltd.	Insurance		
				Socony (Pty.) Ltd.	Property holdings	(0)	
			Superior Oil Co. [acquired 9-84; ranked #196 in U.S.]	South Africa Superior Oil Co. Ltd.	NI	(NI)	
			Falconbridge Inc. [Can.] (35%) (formerly Falconbridge Nickel Mines Ltd.)	Western Platinum Ltd. (24% direct, plus 25% through Falconbridge) (51% owned by Lonrho [UK])	Platinum mining & smelting	(NI)	
				Damites Mining Co. (Pty.) [Namibia] (75%; sold to Metorex, 11-82)	Copper & silver mining		
			Falconbridge Explorations Ltd. [Ber.]	Buffelshoek Mining & Exploration (Pty.) Ltd.	Minerals exploration & development	(NI)	
				Falconbridge Explorations Ltd. Ranch Mining Co. (Pty.) Ltd [Nam.]			
				Falconbridge of South West Africa (Pty.) Ltd. [Nam.]		3,342+	

Model, Roland & Co. - SEE Prudential Insurance Co.

Modern Steel Office Equipment (Pty.) Ltd. - SEE ACCO World Corp.

MOHAWK DATA SCIENCES CORP. (1,3) Parsippany, NJ Computer & office equipment	650	A. Edelman interests (9%)	MDS Executive Headquarters	Mohawk Data Sciences SA (Pty.) Ltd.	Computer marketing	92	NI
[Company plans to sell all operations & dissolve, 1985]							

MOLEX INC. (20,25) Lisle, IL Electronic switches & connection equipment manufacturing	935	J. Krehbief family (50%); T. Rowe Price Assocs. (6%)	Molex International Inc.	Technor (Pty.) Ltd.	NI	NI	NI
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Molson Cos. Ltd. [Can.] (3,17) - U.S. subsidiary Diversey Corp. NO LONGER in SA

Monarch SA Insurance Co. Ltd. - SEE CIGNA Corp.

Monitor Engineering Co. (Pty.) Ltd. - SEE Emerson Electric Co.

Mono Pumps Ltd. [UK] - SEE American Brands Inc.

MONSANTO CORP. (1,3,5,28) St. Louis, MO Chemicals	52	Capital Group (4%); Manufacturers Hanover Trust (3%)		Monsanto SA (Pty.) Ltd.	Chemicals, pesticides & fibers distribution	(35)	Sales=\$2.5 Assets=\$2.0
			Fisher Controls Intl. Inc.	Control Specialists (Pty.) Ltd. (50%) (JV with Barlow Rand [SA])	Process control valve manufacturing	(90)	125

Montagu, Samuel, & Co. [UK] - SEE Aetna Life & Casualty Co. AND Midland Bank PLC [UK]

Montrou Exploration Co. Ltd. - SEE Allied Corp.

Moodraai Mining (Pty.) Ltd. - SEE Armco Steel Corp.

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Mooney Aircraft Corp. - SEE LTV Corp.							
Moore McCormack Resources Inc. (3,17) - SOLD U.S. subsidiary with SA interests to McLean Industries, 1-83							
Moore, Samuel, & Co. (SA) (Pty.) Ltd. - SEE Eaton Corp.							
MORGAN, J. P., & CO. (6,7,27) New York, NY Commercial banking Loan policy = G	B5	T. Rowe Price & Assocs. (3%); Bank of Boston (3%)	Morgan Guaranty Trust Morgan Grenfell Holdings Ltd. [UK] (4%; sold other 29% of holding, 1981)				\$963.9 (z) \$541.7 (y)
Morgan Grenfell Holdings Ltd. [UK] - SEE J. P. Morgan & Co.							
MORGAN STANLEY & CO. (6,7,8,18,26,27) New York, NY Investment banking		(Partnership)	Morgan Stanley Intl. [UK]				\$660.3 (z) \$635.3 (y)
Morris Pumps Inc. - SEE Goulds Pumps Inc.							
Morton-Norwich Products/Morton Thiokol - SOLD Norwich Eaton Pharmaceuticals to Procter & Gamble Co., 6-82.							
MOTOROLA INC. (1,3,5,19) Schaumburg, IL Electronics & appliances	81	Robt. W. Galvin family (10%); Calif. PERS & STRS (4%)		Motorola SA (Pty.) Ltd.	Radio, automotive, semiconductor, & data control products	250	Assets=\$4.3
MOVIE STAR INC. (20,28) New York, NY Clothing & lingerie		Herman family (69%)	[US company claims NO direct investment in SA]	Melba Holdings (Pty.) Ltd.	NI	NI	NI
Muller & Phipps Intl. Corp. - SEE Marmon Group							
NBC - SEE RCA Corp.							
NCH CORP. (1,3,19) Irving, TX Chemicals & maintenance equipment	581	Levy family (44%)	(formerly National Chemsearch Corp.)	Esachem SA (Pty.) Ltd. (formerly National Chemsearch SA)	Chemicals sales	25	NI
NCNB CORP. (1,3,6,14,27,28) Charlotte, NC Commercial banking Loan policy = G	B25	Ellis family (15%); Jefferson-Pilot Corp. (9%); T. Rowe Price & Assocs. (4%)	North Carolina National Bank	North Carolina National Bank	Banking	2	NI (investments) \$101.5+ (z) \$100.0+ (y) [Bank's OWN outstanding loans = \$217.0 (12-83)] [Bank made loans of \$130.0 million in 1984; maturity dates unknown (14)]
NCR CORP. (1,3,22,28) Dayton, OH Computers & office & retail equipment	101	Capital Group (6%); Kemper family interests (3%)	(formerly National Cash Register)	NCR Corp. SA (Pty.) Ltd. [also in Nam.]	Computers & electronic business & data equipment sales	584	Sales LT \$50.0 Assets LT \$40.0
NUS SA (Pty.) Ltd. - SEE National Utility Service Inc.							
NABISCO BRANDS INC. (1,2,3,5,12,19,28) New York, NY Food	56	[pre-merger:] Nabisco: Horizon Bancorp (8%)(M); Rothenhaus family (4%) Standard Brands: DuPont & Co. (5%); Rothschild family interests [Fr.] (BanCal TriState)(4%) Agreement to be acquired by R. J. Reynolds Inds., 6-85	(merger of Nabisco Inc. & Standard Brands Inc.) International Standard Brands Life Savers Inc. Nabisco Brands Ltd. [UK] (formerly Huntley & Palmer Foods PLC)	Royal Beech-Nut (Pty.) Ltd. [merger of Pyott, Royal Baking Powder, Royal Planters, & Beech-Nut Life Savers, 1983] Huntley & Palmers (SA) (Pty.) Ltd.	Food products, dog food, candies, & chewing gum	(983)	Sales=\$18.0+ Assets=\$5.5+
						(NI)	
						983+	

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
NALCO CHEMICAL CO. (1,3,5,28) Dak Brook, IL Chemicals	389	Continental Illinois Bank (10%) (M); Marsh & McLannan (5%)		Anikem (Pty.) Ltd. (50%)(JV with Anglo American Group (AECI)(SA))	Industrial chemicals	199	NI
Narco Scientific Inc. - SEE Healthdyne Inc.							
Nashua Corp. (1,3,5,19) - S&L SA subsidiary, 4-83							
Nathan Lazarus Holdings (Pty.) Ltd. - SEE Alexander & Alexander Services Inc.							
National Broadcasting Co. - SEE RCA Corp.							
National Cash Register - SEE NCR Corp.							
National Chemsearch Corp. - SEE NCH Corp.							
NATIONAL CITY CORP. (6,28) Cleveland, OH Commercial banking Loan policy = N	B48	National Detroit Bank (5%); National City Corp. (5%)	National City Bank of Cleveland				\$0.8 (z) \$0.2 (y) [Bank claims no outstanding loans]
NATIONAL EDUCATION CORP. (28) Newport Beach, CA Vocational & business schools, & educational publishing		Directors/- officers (11%)	ICS Intl. Inc.	ICS (Overseas) Ltd.	Correspondence schools	495	NI
National Mine Service Co. - SEE Anglo American Corp. of SA Ltd.							
National Packaging Co. Ltd. - SEE Champion International Corp.							
NATIONAL PUBLIC RADIO (1) Washington, DC Radio broadcasting		U.S. Govern- ment (100%)		National Public Radio	News gathering	1	NI
National Razor Blade Mfg. Co. (Pty.) Ltd. - SEE Allegheny International Inc.							
NATIONAL SEMICON- DUCTOR CORP. (24) Santa Clara, CA Semiconductors, computers, & point-of-sale equipment	261	NI		Electrolink (Pty.) Ltd. (D?)	Semiconductor device point- of-sale equip- ment	NI	NI
NATIONAL-STANDARD CO. (1,3) Miles, MI Machinery & metal products	625	H.C. Simmons family (24%); Nortek (5%); American Se- curities (5%)		National- Standard Co. SA (Pty.) Ltd.	Wire & auto tire products	149	NI
National Starch & Chemical Corp. - SEE Unilever [UK]							
NATIONAL UTILITY SERVICE INC. (1,3) New York, NY Consulting		NI	Natl. Utili- ty Services Ltd. [UK]	N.U.S. SA (Pty.) Ltd.	Fuel & energy cost analysis	40	NI
Nederlandse Credietbank N.V. [Neth.] - SEE Chase Manhattan Corp.							
NESTLE S.A. [Switz.] (1,2,3,28) Vevey, Switz. Food	[22]/ 116	NI	Alcon La- boratories Alcon Uni- versal Ltd. Carnation Corp.(acquired 1-85;ranked #116 in US) Carnation Intl.	Alcon Labora- tories SA (Pty.) Ltd. Carnation Foods (Pty.) Ltd. Lopis (Pty.) Ltd. General Containers (Pty.) Ltd. Poo? Export (Pty.) Ltd. Tropic Marine Systems (Pty.) Ltd.	Pharmaceuticals (3) & optical equipment Food products & pet acces- sories NI NI NI	(1,043)	NI 1,046

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
New Court Securities Corp. - SEE Rothschild Inc.							
New Jersey Bank - SEE Midlantic Banks Inc.							
NEW YORK HANSEATIC CORP. (7) New York, NY Securities brokers		Belzberg family [Can.] (100%) (Proposed acquisition by Greenwich Capital Markets Inc., 7-84)	(sold previously by Stuart Brothers) New York Hanseatic Intl. Ltd.				\$148.0 (z) \$148.0 (y)
NEW YORK TIMES CO. (1,3) New York, NY Publishing	281	Sulzberger family (38%); Cowles Communications (22%); Sosnoff grp. (9%)		New York Times	News gathering	2	NI
NEWMONT MINING CORP. (1,2,3, 5,19,28) New York, NY Mining & metal manufacturing	370	Anglo-American Group [SA] (Consol. Gold Fields [UK]) (26%); Continental Corp. (5%)		Newmont SA Ltd. O'okiep Copper Co. Ltd. (49%) Palabora Mining Co. Ltd. (29%) (controlled by Rio Tinto Zinc [UK]) Highveld Steel & Vanadium Corp. Ltd. (11%) (controlled by Anglo Amer. Group [SA]) Gamsberg (zinc project) (55%) Tsumeb Corp. Ltd. [Namibia] (35%)	Mining & exploration Copper mining, milling, & smelting Copper, vermiculite, & other minerals Vanadium mining & processing Zinc mining Copper mining, milling & smelting	(NI) (2,855) (3,876) (5,276) (NI) (5,291) 17,298+	(NI) (Sales=\$34.7) (Assets=\$15.3) (1982) (Sales=\$88.3) (Assets=\$35.2) (1982) (Assets=\$14.7) (1982) (NI) (Sales=\$57.3) (Assets=\$15.1) (1982) Sales=\$640.0 Assets=\$86.0 (1983; company's own share)
Newsweek Inc. - SEE Washington Post Co.							
Nielsen, A.C., Co. - SEE Dun & Bradstreet Corp.							
Nicholabs (Pty.) Ltd. - SEE Sara Lee Corp.							
Nicholas Kiwi Ltd. [Aust.]/Nicholas Labs (Pty.) Ltd. [SA] - SEE Sara Lee Corp.							
NORD RESOURCES CORP. (16,25,28) Dayton, OH Minerals exploration & development		IHC-Caland NY [Neth.] (13%); officers/directors (9%)		Nordex JV (40%) [Namibia] (see also Bethlehem Steel) Nord Mining & Exploration (Pty.) Ltd. (closed, 1984) Penarroya JCI Joint Venture (20%) [Namibia] (80% owned by Penarroya [Fr.], suby. of IMETAL [Fr.]	Wolframite & tungsten mining (closed 1981) NI Copper prospecting	NI NI	NI
Nordberg Manufacturing Co. - SEE Rexnord Inc.							
Nordberg-Ramsey (Pty.) Ltd. - SEE Baker International Corp.							
Nordex JV [Namibia] - SEE Bethlehem Steel Corp. AND Nord Resources Corp.							
North Carolina National Bank - SEE NCNB Corp.							
NORTHEAST BANCORP INC. (6) New Haven, CT Commercial banking		NI	Union Trust Co. of Stamford				\$0.1 (z) 0 (y)

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Northern States Corp. - SEE First American Bank Corp.							
NORTHERN TRUST CORP. (6,28) Chicago, IL Commercial banking	B50	Smith family (15%); Northern Trust Corp. (16%) (M)	(formerly Nortrust Corp.) Northern Trust Co. Northern Trust Intl. Banking				\$0.4 (z) 0 (y) [Banks OWN outstanding loans GT \$0.0 (3-84)]
NORTHROP CORP. (24) Los Angeles, CA Aerospace, electronics, & diversified mfg.	123	Employee stock ownership plan (23%)	Northrop Architectural Systems	Wispeco Ltd. (D?)	Aluminum doors & windows	NI	NI
Northwest Bancorp (Northwestern National Bank of Minneapolis) - SEE Norwest Corp. [renamed]							
NORTON CO. (1,3,5,20,24,25,28) Worcester, MA Abrasives	271	Ruth H. Tucker family (8%); Geo. I. Alden Trust (6%)		Norton Co. (Pty.) Ltd. Norton Abrasives (Pty.) Ltd. Lasher Tools (Pty.) Ltd. Springbok Tools (Pty.) Ltd. Republic Buff Mfrs. (Pty.) Ltd. Blane & Co. (Engineers)(Pty.) Ltd.	Holding company (10) Abrasives mfg. (576) Hand Tools mfg. (505) Bufs & polishes mfg. (199) Mining engineering (52)		Sales=\$38.0 Assets=\$26.0
			Christensen Inc.	Independent Supply Co. EST (ISCO)	Drilling bits & equipment mfg. & marketing	(NI) 1,342+	
Norton Simon Inc. - SEE Beatrice Cos.							
Nortrust Corp. - SEE Northern Trust Corp.							
NORWEST CORP. (6,28) Minneapolis, MN Commercial banking Loan policy = G+	B18	Norwest Corp. (5%); First Bank System (4%)	(formerly Northwest Bancorp) Northwestern National Bank of Minneapolis				\$2.5 (z) 0 (y) [Bank's OWN outstanding loans GT \$0.0]
Norwich Eaton Pharmaceuticals Inc. - SEE Procter & Gamble Co.							
Nqwakatske Minerals (Pty.) Ltd. - SEE Armo Steel Corp.							
OAK INDUSTRIES INC. (1,3,19,20,25,28) Rancho Bernardo, CA Electronics & appliances & cable television Company MAY NO LONGER be in SA	492	NI	Oak Technology Inc. [Company announced sale or liquidation of SA interests by 6-85]	Oak Industries SA (Pty.) Ltd. Kozyheat (Pty.) Ltd. Token Meter Co. (Pty.) Ltd.	Electrical products & components	299	Sales=\$6.8 Assets=\$3.9
OAKITE PRODUCTS INC. (24) Berkeley Heights, NJ Metal-cleaning/ treating chemicals mfg.		Directors/officers (24%)		SA Chemical Consultants & Services (D?)	Industrial cleaning & metal-treating materials	NI	NI
Oamites Mining Co. (Pty.) Ltd. - SEE Mobil Corp.							
OCCIDENTAL PETROLEUM CO. (4,25) Los Angeles, CA Crude oil production & refining	14	Bank America (4%)(M); A. Hammer family (1%)	Occidental Chemical Corp. International Ore & Fertilizer Corp. Occidental Chemical Europe Ltd. [UK] Cities Service Co.	Interore South Africa Efco Furnaces (SA) (Pty.) Ltd. Cities Service SA (Pty.) Ltd.	Fertilizers NI Machinery	NI	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
OGILVY & MATHER INTERNATIONAL INC. (20,25) New York, NY Advertising	Ad4	Berkshire Hathaway (Buffett family) (9%); Wellington Mgmt. and Thorndike Doran, Paine & Lewis Inc. (7%); Ruane, Cunniff & Co. (7%)		Van Zijl & Schulze, Lund & Tredoux (Pty.) Ltd. (40%) Altlevel Recruitment Advertising (Pty.) Ltd. (40%)	Advertising NI	(155) (NI)	(Sales=\$4.8) (NI)
						155+	Sales=\$4.8+
Olifantsfontein (Johannesburg) SA Indu Piex Inc. - SEE General Refractories Co.							
OLIN CORP. (1,3,5,19,28) Stamford, CT Chemicals	185	Hartford National Corp. (16%) (M); First Union Bancorp. (9%)		Olin (Pty.) Ltd. (formerly Lion Chemicals (Pty.) Ltd.) JV with Sentrachem Ltd. [SA.] Ramset Fasteners Africa (Pty.) Ltd. (49%) Aquachlor (Pty.) Ltd. (50%) [dormant]	Water purification & other chemicals marketing Chemicals mfg. Construction fastening systems Water purification chemicals marketing	(32) (150) (58)	NI 240
Olivetti & Co. SpA [It.] - SEE American Telephone & Telegraph Co.							
O'okiep Copper Co. Ltd. [SA] - SEE Newmont Mining Corp.							
Opico SA - SEE Oppenheimer Intercontinental Corp.							
OPPENHEIMER INTERCONTINENTAL CORP. (1,9,28) Mobile, AL Importing/exporting farm & construction equipment		Grace family	Oppenheimer-Farmax Inc. Opico Inc.	Opico SA [closed]	Agricultural equipment sales		
[CLOSED SA operations; now sells via distributors (9)]							
Optolabor (Pty.) Ltd. - SEE Warner-Lambert Co.							
Orchem (Pty.) Ltd. - SEE Uniroyal Inc.							
Ore Sales & Services Ltd. [UK] - SEE Union Carbide Corp.							
Oresteel Investments (Pty.) Ltd. - SEE U.S. Steel Corp.							
Orion Bank Ltd. - SEE Chase Manhattan Corp.							
Oshkosh Truck Corp. (3,4,5,28) - Licensing agreement with Barlow Oshkosh (Pty.) Ltd. (controlled by Barlow Rand [SA]) expired 1984.							
Otis Elevators Co. - SEE United Technologies Corp.							
Ottermill Switchgear [SA] - SEE Westinghouse Electric Corp.							
Owens Corning Fiberglas Corp. (1,3,5) - SOLD SA subsidiary Fiberglas SA (Pty.) Ltd.							
OWENS-ILLINOIS INC. (5) Toledo, OH Glass & packaging	115	Wachovia Corp. (M) (9%); Battery March Financial Management (5%)		Consol Ltd. (20%) (Anglo-Transvaal group [SA] owns 55%)	Glass, plastic, & fiber packaging & glass tableware	5,500+	Sales=\$130.0 Assets=\$55.0 (1982)
Oxford University Press [SA] - SEE Harcourt Brace Jovanovich AND SFN Companies							
Ozite Corp. - SEE Brunswick Corp.							
P. Grant Smith (Pty.) Ltd. - SEE Dentsply International Inc.							
PEFCO - SEE Private Export Funding Co.							
PHH Group Inc. (1,3,5) - SOLD SA subsidiary PHH Services (Pty.) Ltd.							
PMSA (Pty.) Ltd. - SEE IMS International Inc.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
PNC FINANCIAL CORP. (6,28) Pittsburgh, PA Commercial banking Loan policy = G+	827	pre-merger: Pittsburgh Natl: Pittsburgh Natl. (6%); Berkshire Hathaway (Buffett family) (4%); Provident Natl: First Penna. Bank (14%); Provident Natl. (11%)	(merger of Pittsburgh National Corp. (Pittsburgh Natl. Bank) and Provident National Corp.) Provident Natl. Bank				\$99.8 (z) \$38.9 (y) [Bank's OWN outstanding loans = \$1.8 (3-84)]
PV0 International - SEE Kay Corp.							
Pacific Oilseeds - SEE Kay Corp.							
Packard Instrument (Pty.) Ltd. - SEE United Technologies Corp.							
PAINEWEBBER GROUP INC. (6,7,18) New York, NY Investment banking & diversified financial co.	F23	CIGNA (16%); American Can (7%); Cie. Financiere de Suez [Fr.] (6%); D.B. Marron family (6%)	Blyth Eastman Dillon & Co. Paine, Webber, Jackson & Curtis International				\$517.6(z) \$427.1(y)
Palabora Mining Co. Ltd. [SA] - SEE Newmont Mining Corp.							
Pan African Industries Ltd. [SA] - SEE International Harvester Co.							
PAN AM CORP. (1,3,28) New York, NY Airline	T8	Employee pension plan (13%) (M)	Pan American World Airways Inc. SA flights suspended, 4-85	Pan American World Airways SA (Pty.) Ltd.	Airline sales	7	Sales=\$10.0
Pandora Mining (Pty.) Ltd. - SEE Elf Aquitaine, Societe Nationale [Fr.]							
PANTHEON INDUSTRIES INC. (4) New York, NY Metals importing & exporting		Siegel family	Titan Industrial Corp.	Titan Industrial Corp. (Pty.) Ltd.	Steel trading	NI	NI
Parachute Industries of SA (Pty.) Ltd. - SEE Halle & Stieglitz Inc.							
Paradise Beverage [Nam.] - SEE Coca Cola Co.							
Parke, Davis & Co. - SEE Warner-Lambert Co.							
PARKER HANNIFIN CORP. (1,3,28) Cleveland, OH Metal products	289	Richard Bertea family (10%); Centran Corp. (6%)		Parker Hannifin (Africa) (Pty.) Ltd.	Fluid power system components sales	59	Sales=\$4.6 Assets LT \$2.4
PARKER PEN CO. (1,3,24,28) Janesville, WI Office equipment, apparel, & personnel services	584	D. Parker family (18%)	Manpower Inc.	Parker Pen (Pty.) Ltd. Manpower Temporary Services R. S. Parrott Work Project Services (Pty.) Ltd.	Pens & writing instruments mfg. Temporary worker services	(102) (NI)	Sales LT \$6.4 Assets LT \$3.0
Parrott, R. S., Work Project Services (Pty.) Ltd. - SEE Parker Pen Co.							
PARSONS CORP. (11,17,28) Pasadena, CA Engineering & construction	S69	Parsons Co. Employee Stock Ownsp. & Ret. Trust (M) and Ralph M. Parsons Foundation (100%)	(formerly Ralph M. Parsons Corp.) DeLeuw, Cather & Co. DeLcan, DeLeuw Cather Canada Ltd. [Can.] DeLcan Intl. [Can.]	DeLeuw, Cather & Assocs.	Consulting engineers	NI	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
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Parsons & Whittemore Inc. (1,3,28) - SOLD US subsidiary Black Clawson Co., 1984.

PEABODY INTERNATIONAL CORP. (12,25) Stamford, CT Industrial equipment	481	V. Posner family (24%); New England Mutual Life Insurance (5%); Mathers & Co. (3%) Agreement to merge with Pullman Co., 6-85		[Joint ventures with Kidde Inc.] Peabody ABC (SA) (Pty.) Ltd.	Storage tanks & television equipment	NI	Assets=\$6.0 (JV)
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PEAT, MARWICK, MITCHELL & CO. (9,24,28) New York, NY Accounting	A2	Partnership	Peat Marwick Intl.	Peat, Marwick, Mitchell & Co. [US company claims no ownership in SA company]	Accounting, auditing, & consulting	NI	NI
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PEGASUS INTERNATIONAL CORP. (4) Princeton, NJ Metals & chemicals products, consulting		Straube family		Pegasus International Corp.	Consulting	NI	NI
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Penarraya JCI Joint Venture [Namibia] - SEE Nord Resources Corp.

PENN CENTRAL CORP. (24) New York, NY Diversified energy, electronics, & industrial mfg. & supplies Company MAY NOT be in SA	151	C. Lindner interests (28%)	Marathon Manufacturing Co. LeTourneau Offshore Inc.	Blackwood-Hodge SA (Pty.) Ltd. (D?)	Heavy construction, mining, machinery & equipment	NI	NI
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PENN CORP. (4) Princeton, NJ Personal, home, & business products		NI	Ritepoint Corp.	Specialty Advertising Co.	Pencils & pens	NI	NI
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PENNWALT CORP. (1,3,5,25,28) Philadelphia, PA Chemicals	301	Anschutz family (9%); National Detroit Bank (8%); Delaware Management (5%)		Pennwalt Ltd. Wallace & Tiernan Ltd. Waltiernan Dornas (Pty.) Ltd. (50%)	Chemical separation equipment & agric. chemicals sales	(4) (6) (6)	NI 16
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PEOPLES BANCORP. (9) Seattle, WA Commercial banking		Green family (41%)	Peoples National Bank of Washington				Loan(z)
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PEPSICO INC. (1,5,19,22,28) New York, NY Beverages & food	44	Fayez Sarofim & Co. (2%); T. Rowe Price & Assocs. (2%)	PepsiCo International	Pepsi-Cola Africa (Pty.) Ltd.	Soft drinks [also in Namibia]	556	Sales=\$20.0 Assets=\$15.0
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PERGAMON HOLDING CORP. (25) Elmsford, NY Holding company in printing & publishing		R. Maxwell family [UK]	Pergamon Press PLC [UK] British Printing & Communication Corp. [UK] BPC Publishing Corp. Ltd. [UK]	World Libraries (Pty.) Ltd. MacDonald Purnell (Pty.) Ltd.	NI	NI	NI
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Perkin-Elmer Corp. (1,3,14,28) - SOLD SA subsidiary (Perkin-Elmer Corp. SA) to two SA employees, 2-85

Perlite Industries (Pty.) Ltd. - SEE General Refractories Co.

Permanent Life Assurance Co. Ltd. - SEE Sentry Insurance

Permatex Co. - SEE Loctite Corp.

Perseus Computing & Automation (Pty.) Ltd. - SEE Sanders Associates Inc.

Persona Recruitment Advertising [SA] - SEE Young & Rubicam Inc.

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Peterson, Howell & Heather - SEE PHH Group							
PETROW, C.J., & CO. [SA] (1) Johannesburg, SA Asbestos		C.J. Petrow [US]		C.J. Petrow & Co.	Raw asbestos	40	NI
PFIZER INC. (1,3,5,28) New York, NY Pharmaceuticals	99	Prudential In- surance (3%); Bank of New York (2%)(M)		Coty Pfizer (Pty.) Ltd. Pfizer Labora- tories (Pty.) Ltd.	Cosmetics Pharmaceuti- cals & food chemi- cals	(89) (178) 267	Sales=\$21.5 Assets=\$13.0
PHELPS DODGE CORP. (1,3,22,28) New York, NY Metal mining & manufacturing	300	Wells Fargo & Co. (5%); Pru- dential Insur- ance (3%)		Black Mountain Mineral Devel- opment Co. (Pty.) Ltd. (45%)(51% Consolidated Gold Fields of SA) [Phelps announced intention to sell its interest,4-85] Phelps Dodge Mining Ltd. (formerly Chemspar) Western Nu- clear Inc. [To be sold (announ- cement,4-85)]	Lead-silver- zinc-copper mining Fluorspar mining, & mineral ex- ploration Uranium prospecting [Nam.]	(1,495) (160) (NI)	(Sales=\$66.7) (Assets=\$42.3) (1983) (Sales=\$3.5) (NI) Sales=\$70.2 Assets=\$42.3+ [Phelps share of assets=\$37.0 [28]]
PHIBRO-SALOMON INC. (1,5,6,7,8,12,18,19,28) New York, NY Commodities trading Salomon loan policy = G	51	Anglo- American Group [SA] (Minorco) (15%)	Salomon Bros. (Formerly part of Engelhard Minerals & Chemicals; spun off as separate company, 1981)	Coastal Fluor- spar Holdings (Pty.) Ltd. Derby & Co. (South Africa) (Pty.) Ltd. Derby Metals & Minerals (SA) (Pty.) Ltd. Southern Ship- ping Co. (Pty.) Ltd.	Fluorspar sales Metals, mi- nerals, chemicals & fertili- zer sales Exporting & ship char- tering	(NI) (51) (6) 57+	\$269.6 (z) \$229.1 (y) Sales LT \$300.0 Assets LT \$420.0 (28) [actual assets amount probably far less than source shows]
Philadelphia National Corp. (Philadelphia Natl. Bank) - SEE CoreStates Financial Corp.							
PHILIPS LAMP N.V. [Neth.] (24) Eindhoven, Neth. Lighting, electric- al, & telecommu- nications products & appliances	[11]	Philips Lamp Holding Co. [Neth.]	(also known as Philips Gloeilampen- fabrieken) Signetics Corp.	EDAC (Pty.) Ltd.	Solid state circuits	NI	NI
PHILLIPS PETROLEUM CO. (1,3,5,22,28) Bartlesville, OK Petroleum refining	16	First Natl. Bank in Bartlesville (9%)(M); 8. Pickens & assocs. (6%); C. Icahn & assocs.(5%); I. Jacobs & assocs. (5%); Capital Group(4%)		Phillips Carbon Black Co. (Pty.) Ltd. (50%) Oil explora- tion [Namibia]	Carbon black production Oil explora- tion [Namibia]	178	Sales=\$19.0 Assets=\$14.0
Phoenix Assurance Co. Ltd. [SA] - SEE Continental Corp.							
Pietersburg Iron Co. (Pty.) Ltd. - SEE Armco Steel Corp.							
Piggot Maskew & Co. Ltd. - SEE GenCorp Inc.							
Pipe Line Technologists Inc. - SEE Kaneb Services Inc.							
Piper Aircraft Corp. - SEE Lear Siegler Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Pittsburgh National Corp. - SEE PNC Financial Corp.							
PIZZA INN INC. (1,3,28) Dallas, TX Restaurants		Spillman family (33%)		Lara Pizza Dens (Pty.) Ltd.	Pizza res- taurant chain	0	NI
Placid Oil Co. - SEE Hunt Oil Co.							
Playtex Africa (Pty.) Ltd. - SEE Beatrice Cos.							
Plough Inc. - SEE Schering-Plough Corp.							
Polymer Corp. - SEE Chesebrough-Pond's Inc.							
Polypenco (Pty.) Ltd. - SEE Chesebrough-Pond's Inc.							
Poly-Resin Products Ltd. - SEE Reichhold Chemicals Inc.							
Pool Export (Pty.) Ltd. - SEE Nestle S.A. [Switz.]							
Power Systems International [SA] - SEE Libbey-Owens-Ford Co.							
PRECISION VALVE CORP. (1,19) Yonkers, NY Aerosol valves		Robert Abplanalp family		Precision Valve SA (Pty.) Ltd.	Aerosol valves & components, plastic mold- ings, extru- sions, & films	280	NI
PREFORMED LINE PRODUCTS CO. (1,3,25,28) Cleveland, OH Electrical trans- mission products		NI		Preformed Line Products SA (Pty.) Ltd. Dulmison Pre- formed Line Products (SA) (Pty.) Ltd.	Overhead elec- tric power line fittings mfg.	102	NI
PRELOAD TECHNOLOGY INC. (1,3) Garden City, NY Prestressed con- crete tanks & facilities		NI	(formerly Preload En- gineering Corp.) Preload Co. Inc.	Preload Africa (Pty.) Ltd.	Concrete tank designing & building & civil engi- neering con- tracting	NI	NI
Premier Metal Holdings Co. Ltd. - SEE Clark Equipment Co.							
PREMIX INC. (1,3,4) Ashabula, OH Plastic moldings		NI		Premix Asphalt Co.	Ready-mix asphalt	14	NI
Prentice-Hall Inc. - SEE Gulf + Western Industries Inc.							
Prestige Group SA (Pty.) Ltd. - SEE American Brands Inc.							
PRICE WATERHOUSE & CO. (1,3,22,28) New York, NY Accounting	A5	(Partnership)		Price Water- house & Co. [US company claims no ownership in SA company]	Accounting [also in Namibia]	600	NI
Priceforbes Federale Volkskas Ltd. - SEE Alexander & Alexander Services Inc.							
Prieska Copper Mines (Pty.) Ltd. - SEE U.S. Steel Corp.							
PRIVATE EXPORT FUNDING CO. (6) New York, NY Export financing		(Consortium of 54 banks, 7 industrial corporations, & one invest- ment bank)	(also known as PEFCO)				\$175.8 (z) \$175.8 (y)
PROCTER & GAMBLE CO. (20,28) Cincinnati, OH Soaps & cosmetics [Company claims NO operations in SA]	22	Procter & Gamble (6%) (M); Central Bancorp (3%); Fifth Third Bank (2%)	Norwich Eaton Pharmaceuti- cals Inc. (bought from Morton-Nor- wich Products [now Morton Thiakol], 6-82)	Eaton Labora- tories (SA) (Pty.) Ltd.	NI	NI	NI
Protea Intl. (Pty.) Ltd. - SEE McDermott International Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Protea Physical & Nuclear Instrumentation (Pty.) Ltd. - SEE Tektronix Inc.							
Provident National Corp. - SEE PNC Financial Corp.							
PRUDENTIAL INSURANCE CO. OF AMERICA (7,8,18,22,28) Newark, NJ Life insurance	L1	(Policy-holders)	Prudential-Bache Securities Inc. (formerly Bache Group) Bache Halsey Stuart Shields Inc. Model, Roland & Co.				\$670.4 (z) \$620.4 (y)
PUBLICKER INDUSTRIES INC. (4) Philadelphia, PA Beverages	956	Neuman family (38%); Technical Equipment Leasing (21%)		Publiker International Inc.	Distilled beverages	NI	NI
Purex Industries Inc. (25) - SOLD consumer products division (including subsidiary Cuticura SA) to Greyhound Corp., 3-85							
Pyott (Pty.) Ltd. - SEE Nabisco Brands Inc.							
QIT-Fer et Titane Inc. - SEE British Petroleum Co. PLC [UK]							
QUAKER CHEMICAL CORP. (20,28) Conshohocken, PA Lubricants & specialty chemicals		Benoliel family (29%); L. Locke family (8%); W. Batchelor family (7%)		Quaker Lubex (Pty.) Ltd. (50%)	Industrial & specialty chemicals sales	5	Sales=\$1.5
Quebec Iron & Titanium - SEE British Petroleum Co. PLC [UK]							
QUESTOR CORP. (25) Tampa, FL Sports, baby, & home remodeling products	517	D. Lufkin group (100%)		Evenflo (SA) (Pty.) Ltd.	Baby bottles & feeding products	NI	NI
RCA CORP. (1,3,22) New York, NY Electronics, appliances, & broadcasting	S2	Allied Corp. (7%); TIAA-CREF (4%); J.P. Morgan & Co. (3%)	National Broadcasting Co. (NBC)	NBC News	News gathering (2)		NI
			Hertz Corp. [Agreement to be sold to UAL Inc., 6-85]		Marketing or franchise [Nam.] (NI)	2+	
RAINIER BANCORP. (9,28) Seattle, WA Commercial banking	B53	Rainier Bancorp. (4%); U.S. Steel (3%) (M); J.P. Morgan & Co. (2%)	Rainier National Bank				Loan(z) 0(y)
Ralph M. Parsons Co. - SEE Parsons Corp.							
Ramset Fasteners Africa (Pty.) Ltd. - SEE Olin Corp.							
Ramsey Engineering Co. - SEE Baker International Corp.							
Ranch Mining Co. (Pty.) Ltd. [Namibia] - SEE Mobil Corp.							
Rand London International - SEE Anglo American Corp. of SA Ltd.							
Rank Xerox (Pty.) Ltd. - SEE Xerox Corp.							
RATNER CORP. (26) San Diego, CA Men's clothing manufacturing & licensor		Ratner family	Hang Ten International		Licenses & franchises	NI	NI
Rayclark Investments (Pty.) Ltd. - SEE Inductotherm Industries Inc.							
Raylite Holdings (Pty.) Ltd. - SEE Johnson Controls Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
RAYMOND INTERNATIONAL INC. (4) Houston, TX Construction & marine services	S34 (1982)	Raymond Holdings Inc. (employee & management buyout, 1-84)	Kaiser Engineers Inc.		Consulting engineers	NI	NI
RAYTHEON CO. (1,3,5,28) Lexington, MA Electronics & diversified manufacturing & services	59	Prudential Insurance (4%); Bank of Boston (3%)	Badger Co. Inc. Beech Aircraft	Badger SA (Pty.) Ltd. Beechcraft Sales SA (Pty.) Ltd.	Petroleum & petrochemical engineering [project completed, 1983] Private aircraft sales & service	(0) (NI) NI	NI
READERS DIGEST ASSOCIATION INC. (1,3,5,19,28) Pleasantville, NY Publishing	P22	Wallace family & family trusts (100%)		Readers Digest Association SA (Pty.) Ltd.	Publishing & mail orders	300	NI
Record Pak Inc. (Pty.) Ltd. - SEE Allegheny International Inc.							
REDKEN LABORATORIES INC. (24) Canoga Park, CA Hair & skin care products		P. Neehan family (42%)		Twins Products (Pty.) Ltd. (D?)	Hair conditioners, shampoos, & cosmetics	NI	NI
REDLAND PLC [UK] (1,3) Surrey, UK Construction materials & services	[341]	NI	Redland Braes Corp. Gang-Nail Systems Inc. (formerly Automated Building Components Inc.)	Gang-Nail South Africa (Pty.) Ltd.	Timber connector & design services for prefab building industry	40	NI
Reed Mining Tool Inc. - SEE Baker International Corp.							
REICHHOLD CHEMICALS INC. (4,28) White Plains, NY Chemicals	362	Teledyna (23%); Reichhold Chemicals (9%)(M)		Poly-Resin Products Ltd. [US company claims no ownership in SA companies; licensing agreements only]	Synthetic resins		
Reid Mitchell Ltd. - SEE General Electric Co.							
Republic Buff Manufacturers (Pty.) Ltd. - SEE Norton Co.							
Republic Steel Corp. - SEE LTV Corp.							
Republic of Texas Corp. - SEE RepublicBank Corp.							
REPUBLICBANK CORP. (6,7) Dallas, TX Commercial banking Loan policy = Gb,E	B21	RepublicBank Corp. (11%); U.S. Steel (3%)(M)	(formerly Republic of Texas Corp.) Houston National Bank Republic National Bank of Dallas				\$101.9(z) 0(y)
Resinite SA (Pty.) Ltd. - SEE Borden Inc.							
REVLON INC. (1,3,5,28) New York, NY Cosmetics	159	A.Clare family (7%); E.C. Whitehead family (4%); California PERS/STRS(3%)	Revlon International Corp. Technicon Instruments Corp.	Revlon SA (Pty.) Ltd. Berk Pharmaceuticals SA (Pty.) Ltd. Technicon Auto-analyzer (Pty.) Ltd.	Cosmetics & toiletries Pharmaceuticals distribution Chemical analyzer sales	437	Sales LT \$48.0 Assets LT \$26.0
Rexall Drug Division - SEE Dart & Kraft Inc.							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
REXNORD INC. (1,5,19,25,28) Milwaukee, WI Industrial & mining equip- ment	342	Teledyne (7%); T. Rowe Price & Assocs. (5%)	Nordberg Ma- nufacturing Co.	Rexnord (SA) (Pty.) Ltd. Nordberg Manu- facturing Co. SA (Pty.) Ltd. J.A. Leys Engi- neering (Pty.) Ltd. Nordberg Services (Pty.) Ltd.	Mining machi- ery; & thermal & mechanical engineering	490	Sales=\$27.7 Assets=\$20.1 (1982)
REYNOLDS, R.J., INDUSTRIES INC. (1,3,5,19,20,22,25,28) Winston-Salem, NC Tobacco & food	23	Wachovia Bank (6%)(M); Berk- shire Hatha- way (Buffett family) (6%); DuPont Co. (2%) Agreement to acquire Nabisco Brands, 6-85	Del Monte Corp. Heublein Inc. Heublein In- ternational KFC Corp. Canada Dry Corp. (acquired from Dr. Pep- per Co., 4-84)	South African Preserving Co. (Pty.) Ltd. Rooihogte Suid Farm (Pty.) Ltd. Kentucky Fried Chicken SA (Pty.) Ltd. CD Products Ltd. Benoni Mineral Water Works (Pty.) Ltd.	Fruit can- ning & ex- porting [also in Namibia] Fast foods Soft drink extracts marketing [also in Namibia]	(1,233) (571) (3)	{Sales=\$23.0 {Assets=\$17.0 {Sales=\$17.5 {Sales=\$0.4 {Assets=\$0.3
						1,807	Sales=\$40.9 Assets GT \$17.3 (1982)
REEEM MANUFACTURING CO. (1,3,19,20,28) New York, NY Air conditioning & plumbing equip- ment, containers, & scientific products		Merrill Lynch/Kohl- berg Kravis Roberts group (100%; acquired 12-84)	Rheem Interna- tional	Rheem SA (Pty.) Ltd. (65%)	Steel containers & metal fabrication	500	Sales=\$22.5
Richards Bay Minerals - SEE British Petroleum Co. PLC [UK]							
Richardson Co. - SEE Witco Chemical Co.							
RICHARDSON-VICKS INC. (1,3,5,19,28) Wilton, CT Pharmaceuticals	276	Richardson family (40%); Capital Group (5%)	[formerly Richardson- Merrell Inc.]	Richardson- Vicks (Pty.) Ltd. [former- ly Vick Chem- ical Co.) Pantene group (acquired from Hoffman- LaRoche [Switz.], 1-83) Roche Products (Pty.) Ltd.	Pharmaceu- ticals Pharmaceu- ticals & chemicals	(278) (NI)	(Sales=\$22.0) (NI)
						278+	Sales GT \$22.0
Rietpoort Mining (Pty.) Ltd. - SEE Armco Steel Corp.							
RIGGS NATIONAL CORP. (9.) Washington, DC Commercial banking	873	J.L. Albritton family (40%)	Riggs National Bank				\$7.5 (z) 0 (y)
Riker Laboratories - SEE Minnesota Mining & Manufacturing Co.							
Risk Consulting (Pty.) Ltd. - SEE Carroon & Black Corp.							
Ritepoint Corp. - SEE Penn Corp.							
Riviana Foods Inc./Riviana-Simon (Pty.) Ltd. - SEE Colgate-Palmolive Co.							
ROBBINS CO. (1,3,28) Seattle, WA Mining machinery		Robbins family		Robbins Co. (Africa) (Pty.) Ltd.	Mining & tunneling machines	100	NI
ROBERTSON, H.H., CO. (3,4) Pittsburgh, PA Metal products & construction	436	Belzberg fam- ily [Can.] (18%); Pioneer Group (5%); Guardian Indus- tries (7%); Fiduciary Trust of NY (3%)		H.H. Robertson (Africa) (Pty.) Ltd.	Specialized building materials	585	Sales=\$24.0

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Robertsons (Pty.) Ltd. - SEE CPC International Inc.							
ROBINS, A.H., CO. INC. (1,3,28) Richmond, VA Pharmaceuticals	429	Robins family (36%)		A.H. Robins SA (Pty.) Ltd.	Pharmaceuticals	1	Sales=\$8.9 Assets=\$0.4
Robor Steel Services Ltd. - SEE Inland Steel Co.							
Rockwell International Corp. (3,4,5) - Co. and U.S. subsidiary Collins Radio NO LONGER hold SA subsidiaries (Rockwell SA, Audco Rockwell, Collins Radio Int'l.)							
ROHM & HAAS CO. (1,3,5,19,20,28) Philadelphia, PA Chemicals	189	Haas family (47%); CoreStates Financial (12%)		Rohm & Haas SA (Pty.) Ltd. Curachem (50%)	Chemicals	(100) (4) 104	Sales=\$20.0 Assets=\$10.0
RONSON CORP. (23) Bridgewater, NJ Lighters, metal & alloys, & aero- space valves		Liquigas SpA [It.] (thru trustee Am. Security & Trust) (36%); L. Aronson family (9%)		Ronson Products (SA) (Pty.) Ltd.	NI	NI	NI
Roodekopjesput Mining (Pty.) Ltd. - SEE Armco Steel Corp.							
Rooihuogte Suid Farm (Pty.) Ltd. - SEE R. J. Reynolds Industries Inc.							
Rorer Group (formerly Rorer-Amchem) - SOLD Amchem, including Industrial Chemical Products SA (Pty.) Ltd., to Henkel KGaA [WG]							
ROTHSCHILD INC. (7) New York, NY Investment banking		Rothschild family [Fr. & UK] (100%)	(formerly New Court Secur- ities Corp.)				\$50.0 (z) \$50.0 (y)
Rotomowers (Pty.) Ltd. - SEE Allegheny International Inc.							
Royal Beech-Nut/Royal Planters/Royal Baking Powder - SEE Nabisco Brands Inc.							
ROYAL CROWN COS. INC. (4,5,28) Atlanta, GA Beverages Company MAY NOT BE in SA	465	Posner family (100%; acquired 7-84)	Royal Crown Cola Co.	W. Daly & Son (Pty.) Ltd. [US company claims NO direct investment in SA]	Soft drinks	NI	NI
ROYAL PACKAGING INDUSTRIES VAN LEER B.V. [Neth.] (24) Amsterdam, Neth. Industrial pack- aging & diversi- fied products	[464]	Van Leer Group [Neth.]	Keyes Fibre Co.	Van Leer SA (Pty.) Ltd.	Molded con- tainers	NI	NI
Rubinstein, Helena, Inc. - SEE Albi International Inc.							
Ruighoek Chrome Mines (Pty.) Ltd. - SEE Union Carbide Corp.							
Ruigtepoort Fluorspar (Pty.) Ltd. - SEE International Minerals & Chemicals Corp.							
Ryerson, Joseph T., & Son Inc. - SEE Inland Steel Co.							
SABAX (Pty.) Ltd. - SEE Baxter Travenol Laboratories							
SAMCOR [SA] -SEE Ford Motor Co.							
SATEC-Hudaneck (SA) (Pty.) Ltd. - SEE Air Products & Chemicals Inc.							
SEDCO Inc. - SEE Schlumberger Ltd.							
SPN COMPANIES INC. (24) Glenview, IL Publishing	668	Hallmark Cards/ Warburg Pincus/ Drexel Burnham Lambert group (100%; acquired 1-85)	Scott, Fores- man & Co.	Oxford University Press Southern Africa (D?) [see also Har- court Brace Jovanovich Inc.]	Educational publisher	NI	NI
S65 Control Services Inc. - SEE Surveillance Holding S.A., Societe Generale de [Switz.]							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
SPS TECHNOLOGIES [NC. (1,3,4) Jenkintown, PA Metal products	616	Ingersoll-Rand {40%};direct- ors (28%)	Standard Pressed Steel Co.	Unbrako (Pty.) Ltd. Gordon Webster & Co. (Pty.) Ltd. (4)	Socket fastener marketing Precision & Industrial fasteners	17	NI
SSC&B:Lintas Worldwide - SEE Interpublic Group of Cos. Inc.							
STP Corp. - SEE Beatrice Cos.							
SWABANK Ltd. [Nam.] - SEE BankAmerica Corp.							
SAATCHI & SAATCHI CO. PLC [UK](1,19,28) London, UK Advertising agency	[Ad1]	Saatchi family	Hay Associates Hay Group	Hay-MSL Southern Africa (Pty.) Ltd.	Management consultants	39	NI
Saffola Seeds (Pty.) Ltd. - SEE Kay Corp.							
St. Regis Corp. - SEE Champion International Corp.							
St. Thomas, Charles, Group - SEE Charles St. Thomas Group							
SALEM CORP. (23,28) Carnegie, PA Industrial fur- naces, & coal processing & metals equipment		V. Posner family (49%)		Salem-Dowson & Dobson (Pty.) Ltd. (50%) (other 50% held by SA sub- sid. of BOC sub- Group [UK]) [Company closed SA sales office, 1983]	Industrial equipment	NI	NI
Salem-Dowson & Dobson (Pty.) Ltd. - SEE Salem Corp.							
Salomon Brothers - SEE Phibro-Salomon Inc.							
Salsbury Laboratories Inc. - SEE Solvay & Cie. SA [Belg.]							
Samuel Montagu & Co. [UK] - SEE Aetna Life & Casualty Co. AND Midland Bank PLC [UK]							
Samuel Moore & Co. (SA) (Pty.) Ltd. - SEE Eaton Corp.							
SANDERS ASSOCIATES INC. (24) Nashua, NH Computer peri- pherals, & elec- tronic components & warfare systems	415	NI	California Computer Products Inc. Calcomp Intl. Div.	Perseus Computing & Automation (Pty.) Ltd. (D?)	Computer peri- pheral & graphics equipment sales & service	NI	NI
SANDOZ LTD. [Switz.] (1,14,28) Basel, Switz. Pharmaceuticals, chemicals, & Food products	[147]	NI	Master Builders Div. [acquired from Martin Martietta, 4-85]	Embecon (SA) (Pty.) Ltd. (50%) (interest also held by Federale Mynbou [SA])	Cement imp- rovement chemicals [also in Namibia]	90	NI
Sangamo Weston (SA) (Pty.) Ltd. - SEE Schumberger Ltd.							
Santa Fe International Corp. - SEE Kuwait Petroleum Corp. [Kuwait]							
SARA LEE CORP. (22,25) Chicago, IL Food & diversified manufacturing	49	Republic Bank (3%); First Chicago Corp. (3%)	(formerly Consolidated Foods Corp.) Nicholas Kiwi Ltd. [Aust.] (acquired non- Aust. opera- tions 11-84) Nicholas Over- seas (Hold- ing) Ltd. [UK]	Nicholas Labs. (Pty.) Ltd. Fabrus Pharma- ceuticals (Pty.) Ltd. Nicholabs (Pty.) Ltd. Bima Cosmetics (Pty.) Ltd.	Marketing or franchising [Namibia] NI	NI	NI
SCHENECTADY CHEM- ICALS INC. (25,28) Schenectady, NY Varnish & resin manufacturing		Wright family		Schenectady Chemicals SA (Pty.) Ltd.	NI	35	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
SCHERING-PLOUGH CORP. (1,3,5,19,25,28) Kenilworth, NJ Pharmaceuticals	194	Plough family (4%); Battery March Financial Management (2%)	Schering Corp. Scholl Inc.	Scherag (Pty.) Ltd. Med-Nim (Pty.) Ltd. Scholl-Plough SA (Pty.) Ltd. (merging of Plough SA and Scholl SA)	Pharmaceuticals Cosmetics, toiletries, & footwear	(167) (118)	(Sales=\$4.0) (NI)
						285	Sales GT \$4.0 Assets=\$9.5
SCHLUMBERGER LTD. (1,3,19,23,28) [Neth. Antilles] New York, NY/ Paris, Fr. Oilfield services, & equipment manufacturing	[75]	de Menil/Schlumberger family	Schlumberger BV [Neth.] Schlumberger Measurement & Control (UK) Ltd. Sangamo Weston Ltd. [UK] SEDCO Inc. (acquired 1-85; ranked #597 in US)	Sangamo Weston (SA) (Pty.) Ltd. SEDCO Maritime Inc. (ceased SA operations, 7-84)	Electrical equipment Oil rigging	NI	NI
Scholl Inc. - SEE Schering-Plough Inc.							
Schrader Bellows SA (Pty.) Ltd./Schrader Tyre Valve Co. of SA (Pty.) Ltd. - SEE Scovill Inc.							
SCIENTIFIC-ATLANTA INC. (22,28) Atlanta, GA Communications & instrumentation products Company MAY NOT BE in SA or Namibia	660	Plessey Co. [UK] (13%)	[Company claims NO direct investment in SA or Namibia]		Ranching [Namibia]	NI	NI
Scott, Foresman & Co. - SEE SPN Companies Inc.							
SCOVILL INC. (20,28) Waterbury, CT Appliances, fasteners, & auto, housing, & security products	366	First City Inds. (100%;acquired 1-85)		Schrader-Scovill of SA (Pty.) Ltd. (60%) Schrader Bellows SA (Pty.) Ltd. (50%) Schrader Tyre Valve Co. of SA (Pty.) Ltd.	Tire valves, apparel fasteners, & automation products mfg.	130	Assets LT \$3.1
Scripps, E.W., Co. - SOLD UPI Inc. to Media News Corp., 1982							
Scripto Inc. - SEE Allegheny International Inc.							
Seafirst Corp. - SEE BankAmerica Corp.							
SEALED AIR CORP. (20) Saddle Brook, NJ Packing & recreational products		NI		Bubble Packaging (Pty.) Ltd.	NI	NI	NI
SEARLE, G.D., & CO. (1,3) Skokie, IL Pharmaceuticals	296	Searle family (21%); Wells Fargo & Co. (3%)		G.D. Searle SA (Pty.) Ltd. Searle Laboratories (Pty.) Ltd.	Pharmaceuticals	70	NI
SEARS ROEBUCK & CO. (6,7,8,18,22,27,28) Chicago, IL Retailing & financial services Loan policy = G	R1	Sears Roebuck & Co. (21%); J.P. Morgan & Co. (2%)	Dean Witter Reynolds Organization [Sears announced no further participation in South African government loans, May 1982]				\$267.5(z) \$182.2(y)
			Allstate Insurance Co. Federated Insurance Co. Ltd. [UK]	Federated Insurance Co. [Namibia](22)	Insurance	NI	NI (investments)
			[Sears claims NO direct investment in SA or Nam.]				

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Seattle-First National Bank - SEE BankAmerica Corp.							
SECURITY PACIFIC CORP. (6,28) Los Angeles, CA Commercial banking Loan policy = G+	89	National Detroit Bank (5%); State Farm Mutual Auto Insurance (2%)	Security Pacific National Bank				\$1.7 (z) 0 (y) [Bank's OWN outstanding loans GT \$0.0 (3-84)]
Seedtec International Inc. - SEE Kay Corp.							
Seibstane Investments (Pty.) Ltd. - SEE Firestone Tire & Rubber Co.							
SENCO PRODUCTS INC. (24) Cincinnati, OH Industrial staplers, fasteners, & nailers		NI		Markwell Africa (Pty.) Ltd.	Industrial fasteners & pneumatic nailers & staplers	NI	NI
SENTRY INSURANCE-A MUTUAL CO. (3,5,28) Stevens Point, WI Mutual insurance		Mutual company		Permanent Life Assurance Co. Ltd. Sentry Assurance of S.A. Ltd.	Life insurance	509	Sales=\$8.8 Assets=\$17.0
Shannon Africa (Pty.) Ltd. - SEE ACCO World Corp.							
Shearson Lehman Brothers Inc. [formerly Shearson Loeb Rhoades] - SEE American Express Co.							
Sheraton Corp. - SEE International Telephone & Telegraph Corp.							
SHERWIN-WILLIAMS CO. (24) Cleveland, OH Paints & related coating products	184	NI		Advanced Coatings (Pty.) Ltd. (D?)	Coatings, paints, & wallcoverings	NI	NI
Shulton Inc. - SEE American Cyanamid Co.							
Sigma Motor Corp. (Pty.) Ltd. - SEE Chrysler Corp.							
SIGMAFORM CORP. (23) Santa Clara, CA Plastic tubes & products		NI		Sigmaform SA (Pty.) Ltd.	Heat shrink products	NI	NI
SIGNAL COS. (4,25) La Jolla, CA Diversified manufacturing & services	54	BankAmerica (21%)(M); T. Rowe Price & Assocs. (4%) Agreement to merge with Allied Corp., 5-85	Ampex Corp. Wheelabrator-Frye Inc. Tilghman Wheelabrator Ltd. [UK]	Ampex South Africa (Pty.) Ltd. Tilghman Wheelabrator (SA) (Pty.) Ltd. (LT 50%)	Television systems & magnetic recorders Shot blast equipment, abrasives, & pollution control systems mfg.	NI	NI
Signetics Corp. - SEE Philips Lamp N.V. [Neth.]							
Simplex SA (Pty.) Ltd. - SEE General Electric Co.							
Simplicity Pattern Co. - SEE Fuqua Industries Inc.							
SINGER CO. (1,4,19,22,28) Stamford, CT Appliances	155	TIAA-CREF (5%); BEA Assocs. (4%)		Singer SA (Pty.) Ltd. Friden Inc. [sold, 1976] Friden (SA) (Pty.) Ltd.	Sewing & knitting machines marketing [also in Nam.] Office equipment	100	Sales=\$6.1
Skill Corp. - SEE Emerson Electric Co.							
SKOK SYSTEMS INC. (20) Cambridge, MA Computer-aided design/drafting (CADD) software		D. Skok & N. Story; & employees		Skok SA	Computer-aided design (CAD) software sales & service	35	NI
Skyline Products (Pty.) Ltd. - SEE American Brands Inc.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
SMITH, A.O., CORP. (4) Milwaukee, WI Motor vehicle equipment	330	Smith family (54%); Bat- tery/march Financial Management (1%)	A.O. Smith Corp, Inter- national Division		Petroleum product meters	NI	NI
SMITH BARNEY INC. (6,7,18,27) New York, NY Securities bro- kerage house		SBHU Holdings [Middle East group] (25%)	Smith Barney, Harris Upham & Co. Smith Barney & Co.				\$857.7(z) \$632.2(y)
SMITH INTERNATIONAL INC. (19,25,28) Newport Beach, CA Drilling & produc- tion equipment & services	375	Whittaker Corp. (8%); Marsh & McLennan (5%); Smith family (5%)	Smith Mining Equipment Co. [Co. announced intent to sell mining equipment business]	Smith Mining Equipment Cos. (Africa) (Pty.) Ltd. Smith-Boart (Pty.) Ltd. (LT 50%; co- owned by Anglo American Corp. [SA])	Mining equipment manufacturing & marketing	34	NI
Smith, P. Grant, (Pty.) Ltd. - SEE Dentsply International Inc.							
SMITHKLINE BECKMAN CORP. (1,3,25,28) Philadelphia, PA Pharmaceuticals & scientific instru- ments	126	pre-merger: SmithKline; Metropolitan Life Ins. (4%); First Pennsylvania Bank (4%); Beckman; Beck- man family (19%); Metro- politan Life Ins. (4%)	[SmithKline Corp. merged Beckman in- struments] Beckman In- struments Inc.	Smith, Kline & French (Pty.) Ltd. SmithKline Animal Health (Pty.) Ltd. Beckman Instru- ments (Pty.) Ltd.	Pharmaceu- ticals mfg. Scientific & Industrial instruments	(206)	Sales=\$23.0 Assets=\$12.0
Societe Financiere pour les Pays d'Outremer [Switz.] - SEE BankAmerica Corp.							
Societe Generale de Surveillance SA (Pty.) Ltd. - SEE Surveillance Holding S.A., Ste. Gen. de [Switz.]							
SOCIETY CORP. (6) Cleveland, OH Commercial banking	B79	Society Corp. (4%); Chemi- cal New York Corp. (4%); W.G. Herbruck family (2%)	Society Na- tional Bank of Cleveland [To acquire Centran Corp., 1985]				\$5.7 (z) \$2.4 (y)
Socony (Pty.) Ltd. - SEE Mobil Corp.							
Soilmaster Ltd. - SEE International Harvester Co.							
SOLVAY & CIE, S.A. [Belg.] (19) Brussels, Belgium Chemicals & pharma- ceuticals	[115]	NI	Salsbury La- boratories Inc. Salsbury Internation- al Inc.	Salsbury Veterinary SA (Pty.) Ltd.	Biological, chemical, pharmaceutical & agricultural products	55	NI
South Africa Superior Oil Co. Ltd. - SEE Mobil Corp.							
South African Chemical Consultants & Services - SEE Oakita Products Inc.							
South African Cyanamid (Pty.) Ltd. - SEE American Cyanamid Co.							
South African Druggist Co. - SEE Dolcin Corp.							
South African General Electric Co. (Pty.) Ltd. - SEE General Electric Co.							
South African Motor Corp. [SA] - SEE Ford Motor Co.							
South African Oil Refining Co. (Pty.) Ltd. - SEE Mobil Corp., Chevron Corp., AND Texaco, Inc.							
South African Paper Chemicals (Pty.) Ltd. - SEE Tenneco Inc.							
South African Preserving Co. (Pty.) Ltd. - SEE R. J. Reynolds Industries Inc.							
South West Ford [Nam.] - SEE Ford Motor Co.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
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Southern Africa Aircraft Sales (Pty.) Ltd. - SEE LTV Corp.

Southern Cross Steel (Pty.) Ltd. - SEE Eastnet Corp.

Southern Shipping Co. (Pty.) Ltd. - SEE Phibro-Salomon Inc.

Southern Sphere Mining & Development Co. (Pty.) Ltd./Southern Sphere Uranium (Pty.) Ltd. - SEE Broken Hill Proprietary Co. Ltd. [Aust.]

Specialty Advertising Co. - SEE Penn Corp.

Spectro Equipment [SA] - SEE EG&G Inc.

SPERRY CORP. (1,2,3,19,28) New York, NY Computers & office equipment	66	J.P. Morgan & Co. (4%); BankAmerica (2%)	[formerly Sperry Rand Corp.]	Sperry (Pty.) Ltd. Univac Division	Computer supplies	(219)	Sales=\$32.0 Assets=\$33.0
				Swidan & King Agencies (Pty.) Ltd. (2)	Electric shavers & haircare products	(305) (2)	
			Vickers Div. [sold to Libbey-Owens- Ford Co., 1-84]			529	

Sperry Vickers Div. [SA] - SEE Libbey-Owens-Ford Co.

Springbok Tools (Pty.) Ltd. - SEE Norton Co.

Sprout-Waldron of SA (Pty.) Ltd. - SEE Koppers Co. Inc.

Spurdle, George F., Associates [SA] - SEE Teknis Inc.

SQUARE D CO. (24) Palatine, IL Electronic switches & control & distribution products	269	NI		Square D SA (Pty.) Ltd.	Motor control & distribu- tion equip- ment	NI	NI
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SQUIBB CORP. (1,3,5,28) Princeton, NJ Pharmaceuticals	195	Metropolitan Life Ins. (5%); First Union Bancorp (4%)	E.R. Squibb & Sons Inc.	Squibb Labora- tories (Pty.) Ltd.	Pharmaceuticals	189	NI
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STAMLER, W.R., CORP. (28) Millersburg, KY Mining, railroad, & materials-handling equipment mfg.		NI		Stamler SA (Pty.) Ltd.	Mining machinery sales & service	8	NI
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Standard Brands Inc. - SEE Nabisco Brands Inc.

Standard Oil Co. of California - SEE Chevron Corp. [renamed]

Standard Oil Co. of Ohio - SEE British Petroleum Co. PLC [UK]

Standard Optical Co. (Pty.) Ltd. - SEE Bausch & Lomb Inc.

Standard Pressed Steel Co. - SEE SPS Technologies Inc.

Standard Telephones & Cables PLC [UK] - SEE International Telephone & Telegraph Corp.

Stanley Motors Ltd. [SA] - SEE Chrysler Corp.

STANLEY WORKS (1,3,5,19,28) New Britain, CT Metal products	298	T. Rowe Price & Assocs. (4%); Manu- facturers Hanover Trust (3%)		Stanley Tools (Pty.) Ltd.	Hand & hydrau- lic tools, hardware, & door operating equipment distribution	35	Sales=\$3.4 Assets=\$1.3
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Star Bill Posting & Advertising Co. (Pty.) Ltd. - SEE Interpublic Group of Cos. Inc.

Starr, C. V. (3) - SEE American International Group

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
STARRETT, L.S., CO. (5) Athol, MA Precision industrial instruments & hand tools	1000	Starrett family, company employees & former employees (50%)		L.S. Starrett Co. SA (Pty.) Ltd.	Hand tool & precision instruments marketing	6	NI
Stauffer Chemical Co. - SEE Chesabrnugh-Pond's Inc.							
Stein, Hall & Co. - SEE Celanese Corp.							
Stein-Heurty S.A. [Fr.] - SEE Midland-Ross Corp.							
STEINER CORP. (4, 20) Salt Lake City, UT Linen services, food & apparel production		Steiner Family		Steiner Co. Steiner Ser- vices (Pty.) Ltd. Steiner Linen Services (Pty.) Ltd.	Towel dispensers	NI	NI
STERLING DRUG INC. (1,3,19,28) New York, NY Pharmaceuticals	188	Prudential In- surance (6%); Marsh & McLan- nan (5%)		Sterling Drug SA (Pty.) Ltd.	Pharmaceuticals & household products	401	NI
Stock Equipment SA (Pty.) Ltd. - SEE General Signal Corp.							
STONE & WEBSTER INC. (21) New York, NY Engineering, con- struction, oil drilling, & fi- nancial services		Chemical New York Bank (15%)(M); Chase Manhat- tan Bank (11%) (M); Kramer/ Whisnand as- socs. (6%)		Emsaw (51%) (JV with Murray & Roberts [SA])	Power genera- ting services	NI	NI
Stratoflex Inc. - SEE Kendavis Industries Inc.							
STUART, D.A., OIL CO. LTD. [Can./US] (4) Toronto, Can./- Willowbrook, IL Oil & chemicals		Wilhelm Wer- hahn Canada Ltd. (60%); W.H. Oldacre estate (13%)	D.A. Stuart Oil Co. Ltd.	Jet Oil Co. of South Africa (Pty.) Ltd.	Oil & lubricants	NI	NI
Stuart Brothers - SOLD New York Hanseatic Corp. (see under that name)							
Style Patterns (Pty.) Ltd. - SEE Fuqua Industries Inc.							
Subterranean Equipment Co. - SEE D. W. Busby							
Sullair Corp. - SEE Sundstrand Corp.							
SUN CHEMICAL CORP. (20) New York, NY Inks & graphic arts materials & equipment	364	Alexander fam- ily (33%); Neuberger & Berman (5%); Templeton family (4%)		Sun General Printing Ink SA (Pty.) Ltd.	Printing inks	NI	NI
Sunbeam Corp. - SEE Allegheny International Inc.							
SUNSTRAND CORP (20,28) Rockford, IL Aerospace, power transmission, & fluid/heat pump mfg.	316/ 827	NI	Sullair Corp. (acquired 11-84; ranked #827 in US [1982])	Sullair (Pty.) Ltd. (36%)	NI	NI	NI
Sunpapers (The) - SEE A. S. Abell Co.							
Superior Oil Co. - SEE Mobil Corp.							
Supersonic Radio & TV Co. (Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
SURVEILLANCE HOLDING S.A., SOCIETE GENERALE DE [Switz.] (24) Geneva, Switz. Product & equipment inspection & control systems		NI	SGS Control Services Inc.	Societe Generale de Surveillance SA (Pty.) Ltd.	Cargo surveys & chemical analysis	200	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Swedan & King Agencies (Pty.) Ltd. - SEE Sperry Corp.							
SWISS ALUMINUM LTD. [Switz.] (1,5,19) Zurich, Switz. Metal & diversified manufacturing	[134]	NI	(also known as Alu- suisse) Maremont Corp.	Gabriel SA (Pty.) Ltd. (51%) (co- owned by Plessey Co. [UK])	Shock absorbers	584	Sales GT \$5.5 Assets GT \$10.0
SYBRON CORP. (1,3,5,19,28) Rochester, NY Measuring & scien- tific equipment	404	Frank R. Shumway family (7%); Security New York State Corp. (4%)	Taylor Instru- ment Co. [sold to Com- bustion Engi- neering Inc., 10-83]	Sybron Chemicals SA (Pty.) Ltd. Gamlen SA (Pty.) Ltd. Tanatex SA (Pty.) Ltd.	Fuel additives & chemicals sales Chemicals sales	30	Sales LT \$5.5 Assets LT \$4.7
Symington Wayne Corp. - SEE Dresser Industries Inc.							
TAC National (Pty.) Ltd. - SEE Unilever [UK]							
T & B Spa [SA] - SEE Thomas & Betts Corp.							
TG Exploration Ltd. - SEE Elf-Aquitaine, Societe Nationale [Fr.]							
T.O.N.M. OIL & GAS EXPLORATION CORP. (16) Sacramento, CA Oil, gas, & minerals exploration & de- velopment		Cie. Intl. pour les Mines et les Investisse- ments SAH (6%); Christodoulou family (5%)		African Coast Diamonds & Minerals (Pty.) Ltd. (50%) [Namibia]	Minerals exploration	NI	NI
TRW Inc. (2,3,5) - SOLD SA subsidiary (Cam TRW SA)							
TWA - SEE Trans World Airlines Inc.							
TAMBRANDS INC. (1,3,28) Lake Success, NY Paper products	734	Endowment Ma- nagement & Research (6%)	(formerly Tampax Inc.)	Tambrands SA (Pty.) Ltd.	Tampans	52	NI
Tanatex SA (Pty.) Ltd. - SEE Sybron Corp.							
Taylor Instrument (Pty.) Ltd. - SEE Combustion Engineering Inc.							
Technicon Corp. - SEE Revlon Inc.							
Technor (Pty.) Ltd. - SEE Molex Inc.							
TED BATES WORLDWIDE INC. (1) New York, NY Advertising	Ad6	NI		Bates, Wells, Kennedy	Advertising	400	NI
Tedd McKune Investment Co. (Pty.) Ltd. - SEE McKune, Tedd, Investment Co. (Pty.) Ltd.							
TEKNIS INC. (24) Plainville, MA Electronics whole- saler & exporter, & business services		Courts family		George F. Spurdle Associates (D?)	Export of ad- vanced techno- logy products, fiber optics, & semiconduc- tor mfg, materials	NI	NI
TEKTRONIX INC. (24) Beaverton, OR Oscilloscopes, electronic instru- ments, & computer terminals	263	H. Vollum family (18%)		Protea Physical & Nuclear In- strumentation (Pty.) Ltd. (D?)	Cathodes, measuring instruments, computer terminals & systems		
Company MAY NOT be in SA							
TELEDYNE INC. (26) Los Angeles, CA Diversified indus- trial, metals, consumer, & in- surance co.	135/- 798	H. Singleton family (14%); S. Koznetsky (6%)	Curtiss-Wright Corp. (54%) [ranked #798 (1982) in US]		Boiler con- struction for Fuel Research Inst. [SA]	NI	NI

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
TENNECO INC. (1,4,5,19,20,22,25,28) Houston, TX Petroleum refining & diversified manufacturing	19/ [478]	RepublicBank Corp. (5%) (M); McIntyre family (1%); A. Gaines & assoc. (1%)	Tenneco International Inc. J.I. Case International (Tenneco bought Intl. Harvester farm equipment business, 1-85; may include SA operations)	Tenneco SA Inc. David Brown Tractors SA (Pty.) Ltd. David Brown Gear Industries (Pty.) Ltd. J.I. Case SA (Pty.) Ltd. J.I. Case SWA (Pty.) Ltd. [Nam.]	NI Tractor, gear, & gear equipment manufacturing Construction & agricultural equipment	(NI) (391) (250)	(NI) (NI)
			Tenneco Chemicals Inc.	South African Paper Chemicals (Pty.) Ltd. (60%)	Paper size & chemicals	(10)	[Sales LT \$12.0] [Assets LT \$6.9]
			Albright & Wilson Ltd. [UK] [ranked #478] outside US Marchon [UK]	Akulu-Marchon (Pty.) Ltd. (50%) Marchon-Paragon Sulphonation (Pty.) Ltd.	Chemicals manufacturing	(85)	(NI)
						736+	NI
Test Properties (Pty.) Ltd. - SEE Firestone Tire & Rubber Co.							
Teves, Alfred, Engineering SA (Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
TEXACO INC. (1,3,4,16,25,28) White Plains, NY Petroleum refining	6/ 24	Manufacturers Hanover Trust (5%) (M); TIAA-CREF (1%); Phibro-Salomon (1%)	Caltex Petroleum Corp. (50%) (see also Chevron Corp.) Eastern Hemisphere Insurance (1973) Ltd. [Ber.]	Caltex Oil (South Africa) (Pty.) Ltd. South African Oil Refining Co. (Pty.) Ltd. (34%) Caltex Oil (S.W.A.) (Pty.) Ltd.	Petroleum products [also in Namibia]	(2,151)	[Sales=\$500.0] [Assets=\$334.0]
			Getty Oil Co. [acquired 3-84; ranked #24 in US]	Getty Minerals SWA (Pty.) Ltd. [Nam.] Tidal Diamonds SWA (Pty.) Ltd. [Nam.]	Mining, & petroleum prospecting Diamond mining	(NI)	(NI)
						2,151+	Sales=\$500.0+ Assets=\$334.0+
TEXAS COMMERCE BANCSHARES INC. (28) Houston, TX Commercial banking Loan policy = Cb	820	NI					NI(z) NI(y) [Bank's OWN outstanding loans=\$33.5 (12-83)]
TexasGulf Inc. - SEE Elf-Aquitaine, Societe Nationale [Fr.]							
Theatre Developments (Pty.) Ltd. - SEE Johnson & Johnson Co.							
THERMO ELECTRIC CO. INC. (4) Saddle Brook, NJ Thermal equipment & controls		Walter family		Bellanca (Pty.) Ltd.	Measurement systems	NI	NI
Thermostat Engineering Co. (Pty) Ltd. - SEE Merck & Co. Inc.							
THOMAS & BETTS CORP. (24) Raritan, NJ Electrical connectors & accessories Company MAY NOT BE in SA	673	Directors/-officers (9%)	Thomas & Betts Intl. Inc.	T & B Spa [US company says it has NO interests in SA]	Electronic raceway accessories & wire identification devices	NI	NI
Thompson, J. Walter, Co. - SEE JWT Group							
Tidal Diamonds South West Africa (Pty.) Ltd. - SEE Texaco Inc.							
Tidewater Oil Co. - SEE E. I. duPont de Nemours & Co.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
TIDWELL INDUSTRIES INC. (9,14) Haleyville, AL Mobile & modular home manufacturing		D. Tidwell family (61%)		Tidwell Housing SA (Pty.) Ltd.	Mobile home manufacturing	150	(Projected Investment: \$3.0+)
Tilghman Wheelabrator Ltd. [UK] - SEE Signal Cos.							
Timberit Forests (Pty.) Ltd. - SEE U.S. Gypsum Co.							
TIME INC. (1,2,19) New York, NY Publishing & paper production	91	Temple family (13%); Luce family (7%); W. Buffett family (Berkshire Hathaway)(4%)		Time-Life International Time Magazine News Bureau	Magazine & book marketing News gathering	(7) (4)	NI 11
TIMES MIRROR CO. (1,3) Los Angeles, CA Publishing & forest products	154	Chandler family (22%); J.P. Morgan & Co. (5%)	Los Angeles Times		News gathering	1	NI
TIMKEN CO. (1,3,19,28) Canton, OH Industrial equipment	310	Timken family (33%); Ameritrust Co. (6%)		Timken SA (Pty.) Ltd.	Roller bearings, bits, & specially steel	251	NI
Tisand (Pty.) Ltd. - SEE British Petroleum Co. PLC [UK]							
Titan Industrial Corp. - SEE Pantheon Industries Inc.							
TITANIUM INDUSTRIES (19) Fairfield, NJ Engineering & industrial machinery for titanium processing		NI		Titanium Industries SA (Pty.) Ltd.	Titanium marketing & fabricating	4	NI
Token Meter Co. (Pty.) Ltd. - SEE Oak Industries Inc.							
TOKHEIM CORP. (1,3,28) Fort Wayne, IN Industrial equipment	969	NI		Tokheim SA (Pty.) Ltd. Tokheim Service Co.	Petroleum dispensing equipment Gas-dispensing equipment service	(42) (12) 54	NI
TOUCHE, ROSS & CO. (4) New York, NY Accounting	A8	(Partnership)		Touche, Ross, Bailey & Smart	Accounting	NI	NI
TRADE & INDUSTRY ACCEPTANCE CORP. LTD. [SA] (24) South Africa International trade financing		Jacobson family [SA]	Trade & Industry Corp.	International Shipping Co. (Pty.) Ltd.	Trade finance	NI	NI
Tran Telecommunications Corp./Tran Systems (Pty.) Ltd. - SEE Amdahl Corp.							
Trane Co. - SEE American Standard Inc.							
Trans Union Corp. - SEE Marmon Group Inc.							
TRANS WORLD AIRLINES INC. (1,3,28) New York, NY Airline	T10	C. Icahn & assoc. (33%); Nash/Levy/Pollack interests (5%) Agreement to be acquired by Texas Air Corp., 6-85	(spun off to shareholders by Trans World Corp., 12-83)	Trans World Airlines Inc. (LT 50%)	Airline sales office	4	NI
Transalloys (Pty.) Ltd. - SEE BOC International Ltd. [UK]							

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
TRANSAMERICA CORP. (14,22,25,28) San Francisco, CA Diversified financial services, airline, & manufacturing	F16	BankAmerica (6%)(NI); H. Korth family (3%); Marsh & McLennan (3%)	Budget Rent-a-Car Corp.	Budget Rent-a-Car Southern Africa (Pty.) Ltd. [US company claims NO ownership in SA company; licensing agreement only]	Rental cars [also in Namibia]		
			United Artists Corp. (sold to MGM/UA Entertainment Co., 1981)				
			Agreement to acquire 39% of Sedgwick Group PLC [UK], insurance firm with SA affiliate Priceforbes Federalie Volkskas, 4-85				
Transkel Insurance Brokers Ltd. - SEE Corroon & Black Corp.							
Transvaal Fluorspar (Pty.) Ltd. - SEE Armco Steel Corp.							
Trinkaus & Burkhardt [WG] (7,18) - Citicorp sold its 60% interest to Midland Bank PLC [UK], 1980							
Triton Group Ltd. - SEE Fuqua Industries Inc.							
Trochem (Pty.) Ltd. - SEE Henkel KGaA [WG]							
Tropic Marine Systems (Pty.) Ltd. - SEE Nestle S.A. [Switz.]							
Truworthe [SA] - SEE Associated Merchandising Corp.							
Tsumeb Corp. Ltd. [Namibia] - SEE Newmont Mining Corp.							
Tubatse Ferrochrome - SEE Union Carbide Corp.							
Tube Investments Simplex GE Holdings Ltd. [UK] - SEE General Electric Co.							
Tupperware SA - SEE Dart & Kraft Inc.							
TWENTIETH CENTURY-FOX CORP. (1,3) Beverly Hills, CA Motion picture production & distribution	P28	Walter Davis (50%); Rupert Murdoch (50%)	Twentieth Century-Fox International Corp.	Twentieth Century-Fox Film (SA) (Pty.) Ltd.	Film distribution	3	NI
TWIN DISC INC. (1,3,5) Racine, WI Industrial equipment	770	J.H. Batten family (17%)		Twin Disc (SA) (Pty.) Ltd.	Power transmission equipment sales	8	Sales LT \$2.1
Twinlock PLC [UK] - SEE ACCO World Corp.							
Twins Products Pty. Ltd. - SEE Redken Laboratories Inc.							
UAL INC. (1,3,28) Chicago, IL Airlines	T2	NI	Westin Hotels [formerly Western International Hotels]	Carlton Hotel (11%)	Hotel management	940	Sales BT \$12.0
			Agreement to buy Hertz Corp. from RCA, 6-85				
UCAR Chrome Co. SA (Pty.) Ltd./UCAR Minerals/UCAR Vanor - SEE Union Carbide Corp.							
UIP-Warner (Pty.) Ltd. - SEE Warner Communications Inc.							
UPI Inc. - SEE Media News Corp.							
USI Overseas Holdings Ltd. - SEE Hanson Trust PLC [UK]							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Uniroyal Inc. (1,5,19,20,28) - SOLD SA subsidiaries (Uniroyal (Pty.) and Uniroyal Chemical),1982-83; SA affiliate Orchem (30%) is INACTIVE							
Unistrut (Pty.) Ltd. - SEE GTE Corp.							
Unit Rig & Equipment Co. - SEE Kendavis Industries Inc.							
United Artists Corp. - SEE MGM/UA Entertainment Co.							
UNITED BANKS OF COLORADO INC. (28) Denver, CO Commercial banking	BB3	NI					NI(z) NI(y) [Bank's OWN outstanding loans=\$0.017 (12-83)]
United Book Distributors (Pty.) Ltd. - SEE Gulf + Western Industries Inc.							
United California Bank - SEE First Interstate Bancorp.							
United Marketing (Leicester) Ltd. [UK] - SEE Emhart Corp.							
United Press International - SEE Media News Corp.							
U.S. Filter Co. - SEE Ashland Oil Inc.							
U.S. GYPSUM CO. (1,3,5,19) Chicago, IL Gypsum & other building products	215/ 499	Northern Trust Corp. (5%)(M); Cooke & Bieler Inc. (4%)	Masonite Corp. [acquired 5-84; ranked #499 in US]	Acoustical Pro- ducts (Pty.) Ltd. (24%) Masonite (Africa) Ltd. (68%) Timberit Forests Ltd. Barton Heights (Pty.) Ltd. Magnolia Plantations (Pty.) Ltd.	Mineral ceiling tile & board Hardboard products	(NI) (2,631)	Sales=\$29.0 Assets=\$16.0 2,631+
U.S. Industries Inc. - SEE Hanson Trust PLC [UK]							
U.S. Lines (S.A.) Inc. - SEE McLean Industries Inc.							
U.S. NEWS & WORLD REPORT (2,3) Washington, DC Magazine publishing		M. Zuckerman family (100%)			News gathering	1	NI
U.S. STEEL CORP. (1,2,3,4,5,28) Pittsburgh, PA Metal manufacturing	15	U.S. Steel (17%)(M); Capital Group (2%)		Essex Minerals Co. (2) U.S. Steel In- ternational Inc. Africa Triangle Mining, Pros- pecting & De- velopment Co. (30%; co-owned by Anglovaal [SA]) Prieska Copper Mines (Pty.) Ltd. (46%; 38% owned by Anglo- vaal [SA]) Orsteel Invest- ments (Pty.) Ltd. (49%) Associated Ore & Metal Corp. Ltd. (27% U.S. Steel) Zeerust Chrome Mines Ltd. (49% U.S. Steel) Associated Man- ganease Mines of SA Ltd. (20% U.S. Steel) Feralloys Ltd. (46% U.S. Steel) Marico Fluorspar (Pty.) Ltd. (LT 50%; controlled by Barlow Rand [SA])	Minerals ex- ploration Mining in- vestment & ngmt. Minerals development [also in Namibia] Copper & zinc mining Holding co. of Assoc. Ore & Metal Holding company of Associated Manganese Chrome mining (suspended 1983) Manganese mining Ferrous alloys Fluorspar mine (closed, 1982)	(6) (7) (NI) (NI) (4,000) (NI) (NI) (5,000) (1,500)	(NI) (NI) (Sales=\$71.0) (Assets=\$99.0) (NI) (Assets=\$118.0) (Assets=\$140.0) (NI) Sales GT 71.0 Assets=\$357.0

PARENT COMPANY	RANK	SHAREHOLDERS	US SUBSIDIARY	SA SUBSIDIARY	PRODUCT	SA EMPLOYEES	\$ INVOLVEMENT
UNITED TECHNOLOGIES CORP. (1,2,3,4,5,19,22,25,28) Hartford, CT Aerospace & diversified manufacturing	18	J.P. Morgan & Co. (3%); Manufacturers Hanover Trust (2%)	Carrier Corp.	Airco Engineering (Pty.) Ltd. (75%)	Air conditioning & refrigerating equipment	(230)	(NI)
			Inmont Corp. [agreement to sell to BASF (WB), 1985]	Inmont SA (Pty.) Ltd.	Inks, coatings, paints, & arts supplies	(NI)	(NI)
			Otis Elevator Co.	Otis Elevator Co. Ltd. (70%) [also in Namibia] Express Lifts Fairon Lift Maintenance	Elevators & escalators, & elevator servicing	(1,023)	(NI)
			AMBAC Industries Inc.	Packard Instrument (Pty.) Ltd. UTL Corp. (4)	NI Aircraft engines & helicopters	(NI) 1,253+	(NI) Sales=\$46.0+ Assets=\$21.0
UNITED VIRGINIA BANKSHARES INC. (6,7) Richmond, VA Commercial banking	865	United Virginia Bankshares (12%)(M); U.S. Steel (4%)(M)	United Virginia Bank				\$50.0 (z) 0 (y)
UNIVERSAL LEAF TOBACCO CO. INC. (20) Richmond, VA Tobacco trading	553	Bank of Virginia (6%)(M); directors/officers (6%); Brokaw Capital Mgmt. (4%); E. Benson family (2%)		Continental Leaf Tobacco SA (Pty.) Ltd.	NI	NI	NI
UPJOHN CO. (1,3,28) Kalamazoo, MI Pharmaceuticals	182	Upjohn family (30%); First American Bank (7%)	Asgrow Seed Co.	Asgrow SA (Pty.) Ltd.	Plant breeding & seed marketing	(56)	NI
				Upjohn (Pty.) Ltd.	Pharmaceuticals	(152)	208
Utah International Inc. - SEE Broken Hill Propriety Co. Ltd. [Aust.]							
YF CORP. (1,3,25,26) Wyomissing, PA Apparel	280	Barbey family (19%); Capital Group (8%)	Berkshire International Corp.	Berkshire International (SA) Ltd. (51%)	Ladies' hosiery & knitwear	960	NI
			H.D. Lee Co. Inc.	H.D. Lee (SA) (Pty.) Ltd.	NI		
Y-Pac (Pty.) Ltd. - SEE Allegheny International Inc.							
YSI Corp. - SEE Fairchild Industries Inc.							
Yalente-Modco (Pty.) Ltd. - SEE GTE Corp.							
Valeron Corp. - SEE GTE Corp.							
Valvoline Oil Co. - SEE Ashland Oil Inc.							
VAN DUSEN AIR INC. (1,3,4,19) Minneapolis, MN Aircraft materials distribution		Van Dusen family (19%); Dallas Business Capital Corp. (9%)	Van Dusen Aircraft Supplies Export Div. Inc.	Van Dusen Aircraft Supplies Co. SA (Pty.) Ltd.	Aircraft parts & supplies sales	5	NI
Van Leer SA (Pty.) Ltd. - SEE Royal Packaging Industries Van Leer B.V. [Neth.]							
Van Zijl & Schultze, Lund & Tredoux (Pty.) Ltd. - SEE Dgilly & Mather International Inc.							
Vendo Co. (4,28) - SOLD SA subsidiary, 1974							
VERSON ALLSTEEL PRESS CO. (25) Chicago, IL Presses & plumbing equipment mfg.		Verson family	Wilkins & Mitchell (Power Presses) Ltd. [UK]	Wilkins & Mitchell (SA) (Pty.) Ltd.	NI	NI	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Vialit (Pty.) Ltd. - SEE Mobil Corp.							
Vick Chemical Co. - SEE Richardson-Vicks Inc.							
Vickers Div. - SEE Libbey-Owens-Ford Co.							
WABCO - SEE Dresser Industries Inc.							
WEA Records (Pty.) Ltd. - SEE Warner Communications Inc.							
WTC INC. (14) Newport Beach, CA Air freight forwarding		H.M. Baker family (18%); Rand Freight Group [SA](11%)		Rand Freight Group [21%]	Air freight forwarding	NI	NI
Weinstein, S., & Co. (Pty.) Ltd. - SEE Colgate-Palmolive Co.							
WALKER, WENDELL C., & ASSOCIATES (4) New York, NY International management consultants		Walker family		Wendell C. Walker & Associates	Management consultants	NI	NI
Wallace & Tiernan Ltd. - SEE Pennwalt Corp.							
Walter E. Heller International Corp. - SEE Amerifin Corp.							
Walter E. Heller Overseas Corp. - SEE Fuji Bank Ltd. [Japan]							
Walter McNaughtan (Pty.) Ltd. - SEE Binks Manufacturing Corp.							
Waltiernan Dormas (Pty.) Ltd. - SEE Pennwalt Corp.							
WANG LABORATORIES INC. (9,25) Lowell, MA Computers & peripheral equipment & systems Company MAY NO LONGER be in SA or Namibia	227	Wang family (40%)		Wang Computers (SA) (Pty.) Ltd. [dormant] General Business Systems (Pty.) Ltd. [Wang claims no ownership in SA company]	Computers & office equipment Franchisee selling Wang computer systems	NI	NI
WARNER COMMUNICATIONS INC. (1,3,5,19,28) New York, NY Electronics & motion pictures	114	Chris-Craft Industries (30%); Marsh & McLennan (6%); Fayed Sarofim & Co. (4%)	Warner Brothers International Inc.	UIP-Warner (Pty.) Ltd. (formerly CIC-Warner) (50%) Warner Bros. Music SA (Pty.) Ltd. WEA Records (Pty.) Ltd.	Film distribution Music publishing Records & tapes	(69) (1) 166	Assets LT \$18.0
Warner Electric Brake & Clutch Co. - SEE Dana Corp.							
WARNER-LAMBERT CO. (1,2,3,5,25,28) Morris Plains, NJ Pharmaceuticals	128	Manufacturers Hanover Trust (1%); BanCal Tri-State (Rothschild family) [Fr.-UK] (1%)	Parke-Davis & Co.	Chamberlain's (Pty.) Ltd. Wilcox Sweets (Pty.) Ltd. Parke-Davis Laboratories (Pty.) Ltd. Optolabor (Pty.) Ltd.	Pharmaceuticals, confectionery, & razor blades Pharmaceuticals Scientific instruments & fiber optics distribution	(491) (NI) (24) 515+	Sales LT \$32.0 Assets GT \$19.3
WASHINGTON POST CO. (1,3) Washington, DC Publishing	323	Meyer-Graham family (23%); Berkshire-Hathaway (Buffett family) (13%); J.P. Morgan & Co. (12%)	Washington Post Newsweek Inc.	Newsweek	News gathering News gathering	(1) (3)	NI
Watkins Products Inc. - SEE Jacobs Industries Inc.							
WEAN UNITED INC. (20,28) Pittsburgh, PA Rolling mill machinery & metal fabricating equipment	707	Wean family (50%)		Wean United (Africa) (Pty.) Ltd.	Steel-rolling mills	1	NI

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Webster, Gordon, & Co. (Pty.) Ltd. - SEE SPS Technologies Inc.							
WEEKS PETROLEUM LTD. [Ber./Aust.] (22) Melbourne, Aust./ Hamilton, Bermuda Oil exploration & production		Weeks family (US)	Energy Minerals Corp.(acquired 1984)		Mining & pros- pecting [Namibia]	NI	NI
Weight Watchers International Inc. - SEE H. J. Heinz Co.							
WELLS FARGO & CO. (6,7) San Francisco, CA Commercial banking Loan policy = N	B12	Wells Fargo & Co. (5%) (M); Nation- al Detroit Bank (4%)	Wells Fargo Bank				\$54.0 (z) 0 (y)
West Point-Pepperill Inc. (1,3,9,19,20,28) - SOLD SA interests (33% of Lantor Nonwovens SA), 1985; agreement to acquire Arthur Sanderson & Sons Ltd. [UK], house-fabrics maker with SA subsidiary, 6-85							
Westchester Insurance Co. (Pty.) Ltd. - SEE Mobil Corp.							
WESTERN AIRLINES INC. (2,3) Los Angeles, CA Airline	T21	ESOP (33%); G. Batchelor (6%)		Western Airlines Inc.	Airline sales	2	NI
Western Bancorporation - SEE First Interstate Bancorp							
Western International Hotels - SEE UAL Inc.							
Western Knapp Engineering Co. - SEE Davy Corp. [UK]							
Western Nuclear Inc. - SEE Phelps Dodge Corp.							
Western Platinum Ltd. - SEE Mobil Corp.							
Westin Hotels - SEE UAL Inc.							
Westinghouse Air Brake Co. - SEE Dresser Industries Inc.							
WESTINGHOUSE ELECTRIC CORP. (1,2,3,5,23) Pittsburgh, PA Electronics & appliances	34	Citicorp (6%) (N); Capital Group (3%)	Ateliers de Construct. Elect. de Charleroi [ACEC] [Belg.] (48%) Ottermill Ltd. [UK]	ACEC South Africa (Pty.) Ltd. Ottermill Switchgear [SA] (Pty.) Ltd. Westinghouse Electric SA	Electrical & mechan- ical engi- neering Electrical switchgear Office repre- sentative	(10) (4) (7)	NI [Agreement for \$40-million JV with Saso? (1981) terminated, 7-83] 21
Wevell, G.J., (Pty.) Ltd. - SEE Elf-Aquitaine, Societe Nationale [Fr.]							
Weyerhaeuser Co. (4,9) - SOLD its 50% interest in Barlow Weyerhaeuser (Pty.) Ltd., 1977							
Wheelabrator-Frye Inc. - SEE Signal Cos.							
Whinney Murray Ernst & Ernst - SEE Ernst & Whinney Intl.							
White Motor Corp. (4) - LIQUIDATED 1980-81; company truck operations, with SA subsidiary, sold to Volvo AB [Sweden]							
White Weld Holdings Inc. - SEE Merrill Lynch & Co.							
Whitehall Products SA (Pty.) Ltd. - SEE American Home Products Corp.							
Whitney, W.A., Co. - SEE Esterline Corp.							
WILBUR-ELLIS CO. (1,3,4,28) San Francisco, CA Food, machinery, & nondurable goods distribution		Wilbur family		Wilbur Ellis Co. (Pty.) Ltd. Connell Bro- thers Co.	Foodstuffs & engineer- ing & marine goods market- ing & importing/- exporting	(70) (NI)	Sales=\$11.0 Assets=\$1.5 70+

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
Willcox Sweets (Pty.) Ltd. - SEE Warner-Lambert Co.							
WILEY, JOHN M., & SONS PUBLISHERS INC. (5,9,28) New York, NY Publisher		Directors/ officers (41%)	Wilson Learning Corp. [acquired 5-82] Wilson Learning USP Corp.	Wilson Learning SA (Pty.) Ltd. John Wiley & Sons Inc.	Management training in human relations Sales liaison office	(12) (2) 14	NI
Wilkins & Mitchell (SA) (Pty.) Ltd. - SEE Verson Allsteel Press Co.							
Wilkinson Match [UK] - SEE Allegheny International Inc.							
Willard Africa (Pty.) Ltd. - SEE INCO [Can.]							
Williams, J.B., Co. Inc. - SEE Beecham Group PLC [UK]							
Wilson Learning Corp./Wilson Learning USP Corp. - SEE Wiley, John M., & Sons Publishers Inc.							
Windhoek Insurance Brokers (Pty.) Ltd. [Nam.] - SEE Corroon & Black Corp.							
Winters National Corp. - SEE Banc One Corp.							
Wispeco Ltd. [SA] - SEE Northrop Corp.							
WITCO CHEMICAL CORP. (3) New York, NY Chemicals	245	Wishnick family (13%); Los Angeles County Employees Retirement Assn. (5%); Harris Assocs. (5%)	Richardson Co.	Allied Kelite Chemicals Inc.	Metal-finishing chemicals	NI	NI
Woermann Brock & Co. [Nam.] - SEE Black & Decker Manufacturing Co.							
Worcester Controls Corp. - SEE BTR PLC [UK]							
WORLD COURIER INC. (24) New York, NY Courier services		NI		World Courier SA (Pty.) Ltd.	International courier services	NI	NI
World Libraries (Pty.) Ltd. - SEE Pergamon Holding Corp.							
WORMALD INTERNATIONAL LTD. [Aust.] (24) Sydney, Australia Fire protection, office, & painting equipment, & security services		NI	Wormald U.S. Inc. (formerly Ansuil Co.)	Wormald Int'l. (SA) (Pty.) Ltd.	Fire protection equipment	NI	NI
Wright Anderson (South Africa) Ltd. - SEE GenCorp Inc.							
Wyeth Laboratories (Pty.) Ltd. - SEE American Home Products Corp.							
Wynberg Development (Pty.) Ltd. - SEE Emhart Corp.							
WYNN'S INTERNATIONAL INC. (23) Fullerton, CA Petroleum products & auto parts	785	C. Wynn family (20%); Prudential Insurance (8%); Capital Group (5%)	Wynn Oil Co.	Wynn Oil (SA) (Pty.) Ltd. Wynn's Car Care Products (Pty.) Ltd.	Petrochemical auto chemicals	NI	NI
XEROX CORP. (1,5,22,28) Stamford, CT Duplicating & office equipment	38/ [200]	Capital Group (2%); J. P. Morgan & Co. (2%)	Rank Xerox Ltd. [UK] (51%) (ranked #[200])	Rank Xerox (Pty.) Ltd. [also in Nam.]	Reprographic & office equipment & products	770	Sales=\$68.0 Assets=\$42.0
Yellow Pages (Pty.) Ltd. - SEE International Telephone & Telegraph Corp.							
Young, Arthur, & Co. - SEE Arthur Young & Co.							

<u>PARENT COMPANY</u>	<u>RANK</u>	<u>SHAREHOLDERS</u>	<u>US SUBSIDIARY</u>	<u>SA SUBSIDIARY</u>	<u>PRODUCT</u>	<u>SA EMPLOYEES</u>	<u>\$ INVOLVEMENT</u>
YOUNG & RUBICAM INC. (26) New York, NY Advertising	Ad3	NI		Young & Rubicam- McKinstry Schonfeldt (LT 100%) Young & Rubicam Hedley Byrne Personel Recruitment & Advertising	Advertising	303	NI
Zapata Corp. (9,22) - SOLD Canadian subsidiary Zapata Granby (formerly Granby Mining) with Namibia interest to Noranda Mines [Can.], 11-79							
Zeda Car Rental & Tours - SEE Beatrice Cos.							
Zeerust Chrome Mines Ltd. - SEE U.S. Steel Corp.							
Zeus Exploration (Pty.) Ltd. - SEE Elf-Aquitaine, Societe Nationale [Fr.]							
3M Corp. - SEE Minnesota Mining & Manufacturing Co.							
152 Leicester Road 1979 (Pty.) Ltd. - SEE Firestone Tire & Rubber Co.							

APPENDIX

Parent Companies NO LONGER in South Africa or Namibia

ACF Industries Inc.	ESCO Corp. (Hyster)	Mashua Corp.
AGL Corp.	Societe Nationale Elf-Aquitaine [Fr.]	Oppenheimer Intercontinental Corp. (Opico)
AMAX Corp.	(M&T Chemicals; TexasGulf)	Oshkosh Truck Corp.
AMF Corp.	Figgle International Holdings Inc.	Owens Corning Fiberglas Corp.
Aladdin Industries Inc.	Gearhart Industries Inc. (Geosource)	PHH Group Inc.
American Can Co.	ICC Industries Inc.	Parsons & Whittemore Inc.
Amerifin Corp.	INCO [Can] (ESB)	Perkin-Elmer Corp.
Anderson Clayton Corp.	Inductochem Industries Inc.	Purex Industries Inc.
Bayer AG [WG] (Miles Laboratories)	International Paper Co.	Rockwell International Corp.
Becton, Dickinson & Co.	Jacobs Industries Inc.	Rorer Group
Black Clawson Co.	Kaiser Industries	SEDCO Inc. (subsidiary of Schlumberger)
Blue Bell Inc.	Kay Corp.	E.W. Scripps Co.
Leonard J. Buck & Co.	King Resources	TRW Inc.
D. W. Busby (Subterranean Equipment)	Lord Corp.	Uniroyal Inc.
Chrysler Corp.	Lovable Co.	Yendo Co.
City Investing Co.	Martin Marietta Corp.	Weyerhaeuser Co.
Continental Corp.	Molson Cos. [Can] (Diversey)	White Motor Corp.
Crane Co.	Moore McCormack Resources Inc.	Zapata Corp.
Dr. Pepper Co.	Morton-Thiokol	

Companies That MAY No Longer Be In South Africa or Namibia

Associated Merchandising Corp.	J. Gerber & Co.	Proctor & Gamble Co.
BankAmerica Corp.	Goulds Pumps Inc.	Badger Co. (subsidiary of Raytheon Co.)
(ownership only; not loans)	Frank B. Hall & Co. Inc.	Redken Laboratories Inc.
Bardahl Manufacturing Corp.	Hanna Mining Co.	Reichhold Chemicals Inc.
Beloit Corp.	Harcourt Brace Jovanovich Inc.	Royal Crown Cos. Inc.
Bourns Inc.	E.F. Houghton & Co.	SFN Companies Inc.
Brunswick Corp.	IC Industries Inc.	Salem Corp.
Carter-Wallace Inc.	International Harvester Co.	Sanders Associates Inc.
Champion International Corp. (St. Regis)	LTV Corp.	Scientific-Atlanta Inc.
Chemed Corp.	McNally Pittsburgh Inc.	Sherwin-Williams Co.
Cummins Engine Corp.	Mohawk Data Sciences	Smith International Inc.
Eastern Air Lines Inc.	Movie Star Inc.	Teknis Inc.
Economics Laboratory Inc.	National Semiconductor Corp.	Tektronix Inc.
Farrell Lines Inc.	Northrop Corp.	Thomas & Betts Corp.
Fenix & Scisson Inc.	Oak Industries Inc.	Transamerica Corp.
Foxboro Co.	Oakite Products Inc.	Wang Laboratories
Gencorp Inc. (General Tire & Rubber)	Pan Am Corp.	West Point-Pepperell Inc.
General Refractories Corp.	Penn Central Corp. (Marathon Mfg.)	

Accounting Firms Claiming NO Ownership in South African Firm

Arthur Andersen & Co.
Arthur Young & Co.
Coopers & Lybrand
Deloitte, Haskins & Sells
Ernst & Whinney International
Peat, Marwick, Mitchell & Co.
Price Waterhouse & Co.

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