

Opto opportunities open up

Optopreneurs Ltd purchased a Titan MOCVD tool from EMF Ltd, for installation at its new OpTIC Technium centre, based in St Asaph, UK. Fitted with the latest Trident triple wavelength interferometer supplied by ORS Limited, the tool will be used to grow GaN and ZnO.

Jim Dixon, EMF's sales and marketing director, said: "The new centre will create the perfect showcase for EMF's MOCVD systems and will provide customers with sample wafers and the ability to train staff ahead of any installation.

Optopreneurs can also provide customers with tailor made solutions for GaN and ZnO technology development."

Start up companies using the \$25m centre, which aims to



Partners in opportunity: (L to R) Dr Carl Griffiths, ORS; Prof. S.J.C. Irvine, Bangor University; Dr Dave Rimmer, CEO of Optopreneurs; Dr Peter Kay, consultant engineer; and Jim Dixon, EMF.

promote the optoelectronics industry in North Wales, also benefit from the technology

expertise being supplied by the University of Wales, Bangor.

Taiwan's pure business

Mykrolis Corporation shipped four Aeronex Infinity Gas Purification Systems to an undisclosed epiwafer manufacturer located in Tainan, Taiwan. The systems will be used to purify the nitrogen, hydrogen, and ammonia used in the production of LED chips.

"As part of Mykrolis's overall strategy to continue expanding its Asia customer base, this selection of Aeronex Gas Purification Systems is a breakthrough in meeting overall MOCVD bulk purification needs in H², N², and NH³," said Jay Hamidi, director of technology for the gas microcontamination control business at Mykrolis.

Alliance aims to clean up

Building on a relationship which began in 1997, Pall Corporation and Matheson Tri-Gas have formed an alliance to develop, manufacture and sell gas purifiers to the semiconductor industry. Both companies gain exclusive access to the others' purification media, and will combine to develop new technologies to meet the

changing needs of the semiconductor industry.

"Our new alliance provides this \$30million market with an expanded portfolio of media and . . . purification technology for virtually every application in semiconductor processing," said Steven Chisolm, president of Pall Microelectronics.

Looking for representatives

J P Sercel Associates (JPSA), a supplier of UV laser systems and services, announced that it is seeking representatives in the USA and Europe to sell its UV excimer and DPSS laser micromachining, wafer processing, and LED liftoff systems, as well as its contract laser processing services.

JPSA excimer and DPSS lasers are used for micromachining

materials such as MEMS; MOEMS; microfluidics; inkjet nozzles; biomedical products; thin film patterning; wafer scribing and dicing; and LED lift-off. Candidates should have knowledge of semiconductor, biomedical, electronics packaging, and related industries.

For details, contact: info@jpsalaser.com

Hot July

EMF announced two sales of MOCVD systems in July, making it a record breaking month for the company.

"This is the most systems we have ever sold in one month and we will shortly be moving to a new custom built facility with a capacity of over 50 machines per annum to meet the rapidly growing demand for the Titan and Saturn MOCVD systems. The new orders will be for epitaxial and bulk growth of GaN and ZnO for spintronic R & D," said Jim Dixon, EMF's sales and marketing director.

LEDs hit the gas

Taiwan's LED manufacturers are proving an invaluable source of business for Praxair Inc and China Petrochemical Development Corp joint venture, Praxair Chemax Semiconductor Materials Co Ltd (PCSM).

South Epitaxy Corp (SEC) has purchased a bulk specialty gas delivery system for its Fab 2, which is under construction and due to be completed at the end of this year. This will be the second system Praxair has supplied to SEC. Gordon Chen, president of Praxair Chemax, said: "Praxair's offering is designed to meet SEC's requirements for moisture-free NH³ delivered at high and variable flow rates in a safe and reliable manner for the production of ultra-high brightness blue LEDs."

Luxxon Technology Corp has also ordered a bulk specialty gas delivery system from PCSM, for use at its new fab, which is due to open later this year. Both contracts will be fulfilled by Praxair Electronics, a division of Praxair, based in Orangeburg, USA.