

FOR IMMEDIATE RELEASE

**LUMINESCENT NAMES DAN MAYDAN AND JOEL MONNIER TO
ITS BOARD OF ADVISORS**

*Semiconductor Industry Champions Lend Strategic Guidance as Company
Accelerates Commercialization of Inverse Lithography Technology*

MOUNTAIN VIEW, Calif., July 10, 2006—Luminescent Technologies, Inc., a provider of lithography enhancement products to the semiconductor industry, today named industry visionaries, Dr. Dan Maydan and Dr. Joel Monnier to its Board of Advisors. Maydan joins the board following an illustrious career at Applied Materials, while Monnier brings a wealth of semiconductor manufacturing experience from his successful tenure at STMicroelectronics. Both executives bring considerable strategic and technical strength to Luminescent at a time of increasing adoption of the company's breakthrough Inverse Lithography Technology (ILT) by leading semiconductor manufacturers.

Dr. Maydan is a renowned technological pioneer and a champion of the semiconductor equipment industry. He spent more than 25 years at Applied Materials, before retiring as its president in 2003 and a member of its Board of Directors in 2006. Throughout his career, he has been recognized worldwide with numerous awards and honors for his contributions to the global semiconductor industry. Elected to the United States National Academy of Engineering in 1998, Dr. Maydan also serves on the Board of Directors of LaserCard Corp. and Electronics for Imaging, Inc.

Dr. Monnier is a distinguished and accomplished semiconductor industry leader. Until his retirement in early 2006, Monnier served as corporate vice president and director of central research and development (R&D) at STMicroelectronics. He is credited as the driving force behind ST's groundbreaking Crolles 2 Alliance with Philips, Motorola, and Taiwan Semiconductor Manufacturing Corp. (TSMC). He is also the architect of the Mask Center established jointly by ST with Dai Nippon Printing in Agrate, Italy.

"These distinguished technology pioneers will bring vision and strategic strength to Luminescent as ILT is mainstreamed into advanced design-to-silicon flows," said the company's chief executive officer, David Fried. "Early adopters at five leading semiconductor manufacturers are tapping ILT to circumvent the limitations of conventional RET software. Lithography experts within these fabs are reporting significant improvements in time-to-recipe and process window. Moreover, they are also achieving superior pattern fidelity on existing steppers, thereby extending the life of their single-largest capital equipment investment. We're greatly looking forward to leveraging Dan and Joel's considerable knowledge and expertise as we continue to develop ILT to its full potential. We're delighted to welcome them on board."

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About ILT

In contrast to conventional RET software, Luminescent's ILT methodology starts with the desired on-wafer result and reduces the photolithography process to a series of mathematical equations. By solving the equations, the on-wafer result is inverted to determine the optimal mask patterns needed to produce the desired outcome. Since ILT analyzes the entire image and not just the design edges, it generates an optimized mask design in a single pass that is pre-verified and correct by construction. By its nature, inversion is pattern-independent and can be applied off-the-shelf to any design, thereby eliminating the need for extensive scriptwriting that burdens existing RET software.

To learn more about Luminescent and ILT, please visit the company at SEMICON West's Technology Innovation Showcase, located in the Esplanade Hall, Booth T1 at San Francisco's Moscone Center from July 11-13, 2006.

About Luminescent Technologies, Inc.

Luminescent provides lithography technology to the semiconductor industry. The company's Inverse Lithography Technology (ILT) products turn design intent into production reality by improving on-wafer pattern fidelity, expanding process windows and accelerating time to silicon. Luminescent is a privately held, venture-backed company based in Mountain View, Calif. Additional information about the company is available on the Internet at www.luminescent.com

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