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**LUMINESCENT WINS ORDER FROM
PREMIER U.S. SEMICONDUCTOR MANUFACTURER**

BACUS 2007, MONTEREY, Calif.—Sep. 17, 2007—Luminescent Technologies, Inc., a provider of ground-breaking lithography-enhancement products to the global semiconductor industry, today announced an order for its Luminizer™ inverse lithography system from a leading U.S. semiconductor manufacturer. The customer will install the next-generation RET tool in its 32-nm lithography development flow. The order follows a thorough evaluation by the customer's lithography team who selected the Luminizer for its ability to generate accurate models with sparse anchoring data, coupled with the ease of use enabled by the system's automatic SRAF generation feature. The tool's good run time and its unique ability to compute RET limits—useful for lithography strategy development—also influenced the purchasing decision. The sale marks the first deployment of a Luminizer in the U.S. and adds to the company's growing customer base.

Calling the order a major milestone, Luminescent's CEO, Moris Kori, said, "Inverse lithography technology, in addition to replacing OPC in production phase, will help IC makers develop customized, competitive lithography strategies for their next-generation node with much less effort and in a shorter time than would otherwise be possible. We're very pleased to partner with this premier manufacturer in its visionary lithography initiatives."

About Inverse Lithography Technology

Inverse Lithography Technology (ILT), developed by Luminescent, is the semiconductor industry's first mask synthesis solution to transition beyond the limitations of optical proximity correction (OPC) software. It is the only automated resolution enhancement technology (RET) that starts directly with the desired IC pattern on the wafer, explores the entire available optical lithography space by mathematical inversion, and ultimately delivers a manufacturable mask pattern that generates the maximum design fidelity with the broadest possible process window. A new-generation RET solution, ILT fits seamlessly into existing tape-out flows and leverages current-generation 193-nm lithography equipment to pattern 45- and 32-nm IC designs.

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 Palo Alto, California. To learn more about Luminescent, please visit the company on the Internet at www.luminescent.com.

