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ALD NanoSolutions, Inc.

Precision NanoCoating for NanoParticles

ALD NanoSolutions Awarded \$100,000 Phase I STTR NSF Grant

December 20, 2005 - ALD NanoSolutions, Inc. has announced today the award of a \$100,000 Phase I Small Business Technology Transfer (STTR) grant from the National Science Foundation for "Atomic Layer Deposition-Enabled Polymer Packaging for Integrating Micro-Electro-Mechanical (MEMS) and Electronics Systems."

ALD NanoSolutions and the University of Colorado at Boulder will demonstrate the feasibility of a novel wafer-level MEMS packaging concept. The processes to be developed will be compatible with most of wafer-level packaging technologies being developed by microelectronic manufacturers.

This research is an important part in the company's continuing effort to prove the flexibility of atomic layer deposition in the custom designing of composite particles.

About ALD NanoSolutions

ALD NanoSolutions, Inc. is focused on commercializing its nano-coating processes, called Particle-ALD™ and Polymer-ALD™, and is targeting collaborative research agreements with domain partners for the discovery and validation of innovative composite materials in selected industries. The company's proprietary technology is based on atomic layer deposition (ALD) coating chemistry methods developed for depositing ultra-thin films on particulate and polymeric surfaces. For more information, visit www.aldnanosolutions.com.