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ALD NanoSolutions, Inc.

Precision NanoCoating for NanoParticles

ALD NanoSolutions Awarded \$456,292 Phase II STTR NSF Grant

April 2007 - ALD NanoSolutions, Inc. has announced the award of a \$456,292 Phase II Small Business Technology Transfer (STTR) grant from the National Science Foundation (NSF) for "Improved Boron Nitride Materials for Enhanced Thermal Management." The award, effective March 15, 2007, will be used to develop customized coating solutions for boron nitride in a variety of thermal management applications.

The Particle-ALDTM process will allow the company to conformally or partially coat the boron nitride particles, with alumina or silica, depending on the specific application. This grant, under the supervision of ALD NanoSolutions' scientist John Ferguson, is the company's 10th NSF small business grant. The research, done in partnership with the George and Weimer Laboratories at the University of Colorado - Boulder, 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-ALDTM and Polymer-ALDTM, 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 ultrathin films on particulate and polymeric surfaces. For more information, visit www.aldnanosolutions.com.