

ALD NanoSolutions, Inc.

Precision NanoCoating for NanoParticles

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

May 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 "Novel Electrode Materials for Multi-Layer Capacitors." These funds will be used to begin the development of composite nickel/titania particles with improved sintering capabilities for multi-layer capacitors, as well as to prove the scalability of the production process.

This research, done in partnership with the George/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. was founded in 2002 by P. Michael Masterson, Dr. Karen Buechler, and University of Colorado Professors Dr. Steven George and Dr. Alan Weimer. The company's proprietary technology is based on atomic layer deposition (ALD) coating chemistry and fluidized bed processing methods developed by Dr. George and Dr. Weimer for depositing ultra-thin films on particulate and polymeric surfaces. The company 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. ALD NanoSolutions has been named one of R & D magazine's top 100 innovations for 2004.

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