

# NEWS RELEASE

## COMPANY CONTACT

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## Applied Nanotech Selected to Receive Funding for the Development of Solar Technology

**Austin, TX, August 20, 2009** – Applied Nanotech Holdings, Inc. (OTC BB: APNT) announced that it has been selected by the U.S. Department of Energy to receive a contract of approximately \$750,000 for the development of non-contact, printable metallic inks for silicon solar cells.

During this two year Phase II Small Business Innovation Research program, Applied Nanotech will focus on improving methods for the application of metallic electrodes to silicon photovoltaic (PV) substrates using its unique metallic nanoparticle-based inks. Electrical contacts are a critical part of PV technology and represent a difficult and costly area for solar cell production. This development program will exploit advances in nanotechnology to lower manufacturing costs and improve solar cell efficiency.

This program is particularly important since using very thin silicon wafers in an effort to reduce silicon usage has resulted in wafers that are susceptible to breakage when utilizing traditional contact printing methods such as screen printing.

“Our company is just beginning our foray into renewable energy. This funding will allow us to continue to build upon our expertise in development of nanoparticle-based technical inks for applications of global significance with strong commercial potential,” stated Douglas Baker, CEO of Applied Nanotech Holdings, Inc.

## ABOUT APPLIED NANOTECH HOLDINGS, INC.

Applied Nanotech Holdings, Inc. is a premier research and commercialization organization focused on solving problems at the molecular level. Its team of PhD level scientists and engineers work with companies and other organizations to solve technical impasses and create innovations that will create a competitive advantage. The business model is to license patents and technology to partners that will manufacture and distribute products using the technology. Applied Nanotech has over 250 patents or patents pending. APNT also possesses investments related to electronic digitized sign technology. Applied Nanotech’s website is [www.appliednanotech.net](http://www.appliednanotech.net).

## SAFE HARBOR STATEMENT

This press release contains forward-looking statements that involve risks and uncertainties concerning our business, products, and financial results. Actual results may differ materially from the results predicted. More information about potential risk factors that could affect our business, products, and financial results are included in our annual report on Form 10-K for the fiscal year ended December 31, 2008, and in reports subsequently filed by us with the Securities and Exchange Commission ("SEC"). All documents are available through the SEC's Electronic Data Gathering Analysis and Retrieval System (EDGAR) at [www.sec.gov](http://www.sec.gov) or from our website listed above. We hereby disclaim any obligation to publicly update the information provided above, including forward-looking statements, to reflect subsequent events or circumstances.

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