

ADA Technologies Receives 3 New Patents

DENVER (December 5, 2007): ADA Technologies, Inc. has received three new patents from the United States Patent and Trademark Office. One patent is for a regenerable high capacity sorbent for the removal of mercury from flue gas. The second patent is for the company's balloonsonde system which makes the process of successfully launching weather balloons over oceans a cost-effective and simple procedure. And the third patent is for a Stroboscopic Signal Amplification (SSA) technology that facilitates the detection of trace explosives in soils near landmines.

The mercury sorbent is used to remove mercury from flue gas containing acid gases and other gases over a wide range of temperatures. Specifically, the sorbent can be used at coal-fired power plants to keep mercury from entering the atmosphere where it can have harmful effects on the environment. Amended Silicates, LLC, a joint venture between industry leader CH2M HILL and ADA Technologies, Inc., was formed to commercialize this technology.

The balloonsonde is an automated shipboard weather balloon launch system which makes it easier and more cost-effective to gather weather information over oceans. Currently, most balloonsonde launches are on land, despite the fact that most of the earth's surface is covered with water and most large-scale weather systems develop over oceans. ADA Technologies' low-cost, easily transportable, automated balloonsonde launch system makes it practical to conduct successful launches from commercial ships, providing researchers with easy and affordable access to accurate and up-to-date weather data throughout the world.

The Stroboscopic Signal Amplification (SSA) technology was developed for the Army Research Laboratory, with a goal of making it easier to detect trace explosives in soils near landmines. This latest patent continues protection of ADA's explosive detection technology, which uses short bursts of high-energy light to substantially increase the limit of detection of commercially available trace chemical detectors. This new technology extends the technique to cover both high-energy and low-energy applications, making it suitable for numerous applications, including airport screening and other homeland security uses.

"These patent awards underscore our ability to research and design innovative technologies that can be successfully commercialized," said Clifton H. Brown, Jr., ADA president and CEO. "All of these technologies are contributing to the advancements in their respective industries of environmental clean up, weather forecasting and explosives detection."

Since its founding in 1985, ADA has received 27 patents for a variety of innovative technologies, which focus on solving problems threatening the health, security, environment and quality of life worldwide.

About ADA Technologies, Inc.

ADA Technologies, Inc. is a research, development, and commercialization company that specializes in creating and converting innovative technologies to commercial successes. The firm is headquartered in Littleton, Colorado, with an office on the University of Wyoming campus in Laramie. ADA has received more than 130 research grants totaling more than \$40 million. ADA has received numerous honors, including: 2006 Tibbetts Award, 2006 & 2007 Colorado Technology Fast 50, 2006 & 2007 Best Companies to Work For in Colorado and Colorado's Top Technology Company 2005. For more information, please visit www.adatech.com or call 303-792-5615.

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The logo for ADA Technologies, Inc. features the letters "ADA" in a bold, blue, sans-serif font. The letters are closely spaced and have a slight shadow effect.

Technologies, Inc.

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