



Press Release

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Minnesota-based nanotechnology start-up partnering with Japanese chemical industry giant Toray

*Cima NanoTech's SANTE™ Films technology is cutting edge application
for next generation cleaner and greener electronics*

(St. Paul, MN USA) Cima NanoTech, the six year old St. Paul, Minnesota-based developer of next generation transparent conductive coating technology, took a major step forward today with the announcement of results of a successful three year collaboration with Toray Industries of Japan for the commercialization and mass production of Cima's Self-Aligning Nano Technology for Electronics (SANTE™) Films. Toray and Cima NanoTech will showcase the product next week at nano tech 2009, an international nano technology exhibition and conference in Tokyo, Japan. <http://www.nanotechexpo.jp/en/>

Cima CEO Jon Brodd said the association with Toray, a respected world leader in the chemical industry doing business in 21 countries and a nanotechnology leader in Japan, "is very significant to our future." Brodd adds that, "Toray Advanced Films as a partner in the commercialization and mass production of Cima's SANTE™ films will provide tremendous capability and credibility in our targeted markets — multi-billion dollar markets that include flat panel displays such as touch screens and plasma displays, in addition to applications such as solar cells and electromagnetic interference filters."

Cima's Vice President of Research and Development, Dr. Eric Granstrom, explained that Cima's patented technologies allow the company's silver nanoparticles to self assemble into microscopic networks to form a film coating that has comparable transparency to current technology, but significantly better electronic resistance and flexibility. "And also very important," Granstrom added, "is that our technology is cleaner and greener than lithography." For many applications, Cima's film technology can provide improved performance, in the form of better resistance, flexibility, and appearance over existing indium tin oxide based coatings which are dependent on an element that's in short supply and whose cost has markedly increased in the past few years.

Brodd said Cima's SANTE™ film "is one of the first clear examples of the enormous promise of nanotechnology and an exciting first product to commercialize from our technology platform." It is simpler and more cost effective because it requires less expensive material and replaces a complex manufacturing process with a simple coating procedure, "the result being a substantially lower manufacturing expense and minimal waste stream."

In 2008, Cima NanoTech was recognized with a World Economic Forum Technology Pioneer Award and at that same forum was acknowledged as a top 10 Greentech/Cleantech company.

Headquartered in St. Paul, Cima has a research and operations facility in Israel and a manufacturing arrangement for related products in cooperation with Toda Kogyo in Otake, Japan, as well as a joint venture, TodaCima, in Tokyo, Japan to assist with Japanese sales and marketing.

Additional company and product detail available at: www.cimananotech.com
