



788 Palomar Ave.
Sunnyvale CA 94085

SDN™

SDN™ Technology allows for low-cost, high-throughput nanocomposite multifunctional coatings deposition on almost any substrate.

Advenira Enterprises Inc. Receives Key Patent and Selected to Present at SEMICON/West Silicon Innovation Forum

Next generation Nano-composite coating enabling critical process equipment to lower costs and meet next-generation scaling requirements

SUNNYVALE, Calif., (September 3, 2013) /PRNewswire/ -- Advenira Enterprises Inc., a developer of Solution Derived Nano-composite (SDN™) coating technology, today announced it has received notice from the United States Patent and Trademark office of issuance of patent US 8,507,035.

This is the second important patent recently issued that both enables Advenira's coating technology and continues to establish Advenira as the leader in liquid based nanotechnology coatings. This patent covers the company's Hybrid 3D coater that allows the nanocomposite material to be applied to virtually any substrate shape or material including Polycarbonate, Ceramic, Quartz, Aluminum and others.

Advenira produces a compelling alternative to the commonly used vacuum (PVD, CVD, ALD, etc.) and non-vacuum (electroplating, CBD, screen-printing, etc.) deposition techniques. The key and now patented advantages of SDN are the excellent uniformity and performance at lower cost with high throughput and utilization of material. The '035 patent enables Advenira systems to coat industrial parts with high performance protective coatings that enable longer usage and improved overall economics.

Industrial coatings for semiconductor manufacturing face especially challenging issues with contamination, corrosion and erosion that result in lower production yields. Advenira's SDN coating can substantially improve the productivity of these production processes, which in turn enables smaller chips size and longer battery life for portable devices.

If you missed July SEMICON/West at the Moscone Center in San Francisco, Advenira was also selected to orally present on its advanced material technologies at the special Silicon Innovation Forum. This forum was organized by the Semicon/West committee to create greater awareness for up and coming companies with enabling technologies to strategic investors, venture capital companies and other important investment firms. Additionally, Brad Mattson, CEO of Solexiant and a member of Advenira board of directors, gave a keynote presentation to the attendees.

Elmira Ryabova, CEO/CTO of Advenira, said: "This new patent confirms our technology differentiation and allows us to advance our industrial scale coatings in new markets with greater protection. Additionally, we are proud that the organizers of Semicon/West view our company and technology to be important enough to showcase at the Innovation forum. We want to thank the organizers and congratulate them on another successful industry conference."

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About Advenira

Advenira Enterprises Inc., is a Sunnyvale, CA based company that develops a novel Solution Derived Nanocomposite (SDN™) technology that allows for low-cost/high-throughput multifunctional coatings deposition on practically any type/shape/material substrate. Advenira is commercializing the technology in the Glass, Polycarbonate, Semiconductor and Petrochemical industries with significant advantages over traditional techniques.