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Contact:

**Helen Duong, (408) 795-1807
San Jose Redevelopment Agency
helen.duong@sanjoseca.gov**

Innovative Nanotechnology Provider Expands Manufacturing Facility in South San Jose

Shocking Technologies will create 30 new jobs

SAN JOSE, Calif. – A \$500,000 grant from the San Jose Redevelopment Agency is helping Shocking Technologies access a huge global market opportunity for its novel invention. The company is gearing up to open its first manufacturing plant to produce its innovative product (Voltage Switchable Dielectric™, VSD), a first-of-its-kind polymer material that help protects electronic gadgets such as cell phones from harmful electrostatic discharge (ESD).

“Innovation is a cornerstone of our economy and I’d like to thank Shocking Technologies for choosing to manufacture their cutting-edge product here in San Jose,” said Mayor Chuck Reed. “We look forward to partnering with Shocking Technologies to facilitate their continued growth in the years ahead.”

Shocking Technologies’ San Jose facility consists of a high-tech production lab capable of producing enough VSD material to protect 200 million cell phones and other electronic devices every year. The company’s nanotechnology invention addresses a major issue in the design and manufacturing of electronic products. Its patented material is applied to the internal electronics of a product and provides 100 percent protection against damaging electrostatic discharge. ESD is the “spark” that occurs when a strong electric field creates an ionized conductive channel in the air. This occurrence causes a slight discomfort to people, but will cause severe damage to electronic equipment. The technology also has applications for other types of products, as well as for semiconductors.

“San Jose has a unique nurturing ability for companies like ours in its ability to provide the necessary capital, human resources and unmatched dynamic environment to allow us to build a globally competitive organization,” said Lex Kosowsky, President and CEO, Shocking Technologies. “I’d like to thank the Mayor, the City and the Redevelopment Agency for the confidence and commitment in our company, and being an important part of our first step toward delivering yet another truly industry-changing technology created in San Jose and delivered to the world.”

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Shocking Technologies currently has approximately 43 employees and is expected to add approximately 30 employees over the next few years. To date, Shocking Technologies has raised a total of approximately \$32 million in funding from leading Silicon Valley Venture Capital firms.

“San Jose’s success depends upon the success of innovative companies such as Shocking Technologies,” said Councilmember Ash Kalra. “The opening of this new manufacturing facility is proof that San Jose’s commitment to the local technology industry is continuing to pay off, and I wish to congratulate Shocking Technologies on this momentous occasion.”

Since 2007, the Agency has invested a total of \$10 million to retain and attract 11 companies: Nanosolar, Solar Junction, SoloPower, Stion, Borgata Recycling, SVTC Technologies, CTS Manufacturing, Brocade, Ultratech, SolFocus and Shocking Technologies. These companies have already invested more than \$434 million and created nearly 1,300 jobs.

“We understand what many startups need is the upfront cash to purchase the necessary capital equipment to manufacture their product,” said Harry Mavrogenes, Executive Director, San Jose Redevelopment Agency. “Our Agency is stepping in to help fill that need and the return on our investment is that these companies stay and grow the jobs in San Jose.”

Shocking Technologies utilized the City of San Jose’s Special Tenant Improvement (STI) program to obtain permits within weeks to construct its new production lines.

San Jose Redevelopment Agency

The Agency is dedicated to improving the quality of life for all who live and work in San Jose. Governed by the City Council acting as the Redevelopment Agency Board, the Agency facilitates and oversees comprehensive programs for development to revitalize and strengthen quality of life and competitiveness for San Jose’s downtown, neighborhoods and industrial areas. For more information, visit www.sjredevelopment.org.

Shocking Technologies, Inc.

Founded in 2006, Shocking Technologies offers an innovative approach to protecting electronic products in the handheld, cell phone, LCD display, memory and other markets from the harmful effects of electrostatic discharge (ESD). Its patented Voltage Switchable Dielectric™ (VSD) polymer nano-composite material, XStatic™, is easily applied to PCB and package substrates and provides the industry’s only embedded global solution capable of up to 100% protection against ESD. Its ease of implementation and comprehensive coverage also lowers development time and costs and reduces product design size by eliminating less effective components traditionally used to protect devices against ESD effects. The company has over 100 licensed, issued and pending patents. Shocking Technologies is a privately held company with investments from ARCH Venture Partners, ATA Ventures, Skylake Incuvest, Vista Ventures, Baulch Hill Capital and a limited number of private investors. For more information, go to www.shockingtechnologies.com.

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