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Solar Junction

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Solar Junction Receives Most Innovative Device Award 2012

SAN JOSE, Calif., Mar 14, 2012 — Solar Junction, a developer of high efficiency multi-junction cells for the concentrated photovoltaic (CPV) market, receives the Most Innovative Device Award for its high efficiency SJ3 product from the Compound Semiconductor Industry Awards 2012. At the end of February, Solar Junction was notified that it was on the shortlist of companies for the awards. The shortlist was then open to voting for a short time by industry peers with over 17,000 votes cast overall.

"Being the recipient of this award, voted upon by our peers, shows us that we are on the right path and that others are seeing the value in our device," said Vijit Sabnis, VP Technology.

Using its proprietary Adjustable Spectrum Lattice Matched (A-SLAM™) technology based on its Dilute Nitride material innovation, it holds the world record in solar cell efficiency at 43.5% as validated by the U.S. Department of Energy's (NREL) and the Fraunhofer Institute of Solar Energy. The A-SLAM™ materials platform provides bandgap tunability over the solar spectrum to maximize the absorbed sunlight within CPV modules while enabling a lattice-matched pathway to solar cell efficiencies beyond 50% within the decade. The company is ramping its multi-junction solar cell technology, with a production median efficiency of 42%, to high-volume to fulfill customer orders with manufacturing partner, IQE.

"Dilute nitrides have always held promise. Until now massive commercial success has failed to followed, but that will change with Solar Junction's revolutionary multi-junction solar cells," said Richard Stevenson, Editor of Compound Semiconductor.

About Solar Junction

Solar Junction is a manufacturer of high efficiency III-V multi-junction solar cells based on A-SLAM™ materials. The company is dedicated to providing the industry's highest efficiency solar cells to enable CPV as a cost effective energy solution. Founded in 2007, Solar Junction is headquartered in San Jose, California. Investors include New Enterprise Associates, Draper Fisher Jurvetson and Advanced Technology Ventures. For more information, please visit www.sj-solar.com

About CS Industry Awards

The CS Industry Awards were created to recognize the success and development along the entire value chain of the compound semiconductor industry from research to completed device.

From backlighting TVs to empowering mobile devices and harnessing the sun's energy, compound semiconductor chips are playing an ever-increasing role in modern life. This is set to continue, but who had the biggest breakthroughs over the last 12 months? Which pioneering companies from around the globe created the best opportunities for the compound semiconductor industry?

The CS Awards makes us focus on the products and initiatives that have driven the industry forward. For a full list of the 2012 Winners please visit: <http://www.csawards.net/winners/2012>

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