

United States Semiconductor Corporation

PRESS RELEASE

May 28, 2009

AREA EMERGING TECHNOLOGIES PRESENTED TO NATIONAL CONFERENCES

May 26, 2009 (Independence, Missouri) Two Missouri based emerging technologies that address our countries critical needs in security and energy were presented and received national attention this past month. A sensor, with the capacity for ultra sensitive detection of explosives, was presented at a national conference in Washington DC, on Defeating IED's (Improvised Explosive Devices). A Compact Nuclear Battery, with the capacity for long life power source, was presented and referenced at the Missouri Energy Summit, which was webcast worldwide. These two technologies originated with the Nuclear Science and Engineering Institute at the University of Missouri-Columbia. United States Semiconductor Corporation (US- Semi) based in Independence, Missouri holds the exclusive license to develop and commercialize these two technologies. They have a strategic relationship with NxGen Electronics Inc., to complete the commercial applications and to identify companion solutions for these products. Product development support has been received both from NASA and from Defense funding through a grant award from the Leonard Wood Institute.

The IED conference included US Department of Defense and the Department of Homeland Security senior military officers and agency program directors who addressed the needs and requirements of defeating IED's and combating terrorism abroad and domestically. The Quantum Fingerprint Sensor, for which US- Semi holds the license, was the only emerging technology under development that was presented. The presentation was made by Dr. Stephie Althouse, the COO of NxGen Electronics and Director of Product Development for US -Semi. She has extensive experience in detection technology and testing in real time war settings. The Missouri Energy Summit featured a host of speakers, including the Governor of Missouri, University of Missouri scientists, and representatives from energy related private companies. The conference focused on the promotion of technologies that will lead toward energy independence. Dr. Rob Duncan, who directs research for the University and has been featured on 60 Minutes, referenced US-Semi's license and the potential for the Compact Nuclear Battery for a variety of energy applications. This Summit and presentations were broadcast on a world wide webcast to over 2,000 people.

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