

FOR IMMEDIATE RELEASE

Arradance Issued 11th Patent for Advanced Detectors

Sudbury, MA July 30, 2012 – Arradance, Inc. announced today the issuance by the United States Patent Office of two patents that cover the use of nanofilm technologies, fundamental to large area detection, that will revolutionize applications in the scientific, homeland security and medical imaging markets. The patent for invention number 8,227,965 describes Microchannel plate (MCP) devices with tunable resistive films. The patent for invention number 8,237,129 describes polymer substrate-based MCP devices for use in fast neutron detection.

"These latest patents cover the conductive nanofilms that are the critical technology for substrate independence, enabling these noiseless, high gain detectors to achieve the very large areas required for advanced scientific, homeland security and medical imaging markets," said Ken Stenton, CEO Arradance Inc. "This grows our patent portfolio to 11, which further confirms the leadership position that Arradance holds in large area detection."

These patents cover the technology in Arradance's GEM-R2™ and GEM-R2D2™ nanofilms that functionalize bare detector substrates of any size or insulating material to enable noiseless, low signal amplification. They arrive just a few months after Arradance was issued a system-level patent for integration of the nanofilm technology into an imaging tube.

"This new market segment, noiseless large area detection, is poised for very rapid growth. The most successful businesses will be those that leverage their intellectual property to give customers and partners the assurances they are looking for," said Mr. Stenton. "Arradance has various patents covering our technology, and we are anticipating increasing revenues in this rapidly developing marketplace."

In addition to having designed and developed the Atomic Layer Deposition (ALD) process equipment for these functional nanofilms, Arradance also holds patents that apply to substrate formation and composition. This suite of intellectual property allows for full productization of the enabling nanofilm technology.

Demand for low noise, large area detection systems is growing rapidly as medical imaging and homeland security applications seek to reduce imaging dose and improve device throughput.

"We are pleased that these patents are now fully issued," stated Arradance CEO, Ken Stenton. "Our patent portfolio now includes patents that claim exclusive patent rights to this enabling technology from MCP to finished detection device. Arradance is the only company that has demonstrated the capability to develop, manufacture and support this important technology within critical scientific, medical and national security applications."

About Arradance

Arradance is enabling us to better perceive the hidden world all around us. Their functional thin film equipment and devices greatly enhance the performance of imaging and detection systems, providing resolution, gain and lifetime improvements that were previously unattainable. Their enabling processes and products will open the door to a new world of flexible, robust, electro-optic systems that will change the way we see our world. Founded in 2003, Arradance, a privately-held Massachusetts based product and technology company, is committed to bringing novel solutions to difficult problems.

Learn more at www.arradance.com

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