Cutting Edge Nanotech Patents for Displays, Lighting, X-ray, Medical Imaging, and Diagnostics Available for Sale by ICAP Ocean Tomo

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CHICAGO, Jan. 24, 2011 /PRNewswire/ -- **ICAP Ocean Tomo** [1], the intellectual property brokerage division of ICAP plc (IAP.L) and the world's premier patent auction firm, announces the sale of x-ray imaging patents from renowned inventor Till Keesmann. Consisting of seven issued patents and seven related applications and foreign counterparts, this opportunity should be of interest to companies involved in areas such as lighting, x-ray, and medical imaging and diagnostics.

(Logo: http://photos.prnewswire.com/prnh/20100614/CG20517LOGO [2])

The technology in this portfolio relates to a field emission device comprising a cathode having an emission region for electrons. The field emission device is embodied for generating technically useful electron currents at a voltage which is as low as possible, in such a way that the emission region has an arrangement of a plurality of individually positioned or positionable atoms or molecules. As such, this technology could have practical applications in a variety of markets. The field emission device may be usable in a field emission microscope, in a scanning tunneling microscope, in an atomic force microscope, or for ionizing gases. Furthermore, the disclosed field emission device could not only serve in the field of illuminants or backlights, but could also be utilized on circuit boards, in microdevices, and in the field of data carriers. Additional related markets include measuring sensors, hand-held x-ray fluorescence analysis devices, in x-ray devices, and in computer tomography.

"When related to the x-ray market, the patents of this portfolio solve many of the challenges associated with traditional products such as limited resolution, high operating temperature, and slow response time," commented Dean Becker, CEO of ICAP Ocean Tomo. This technology
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