3DIcon CTO Publishes Paper in Journal of Display Technology

Hakki Refai Coauthors Paper Discussing Static Volumetric Display in March Issue of Leading Displays Engineering Journal

TULSA, OK -- (Marketwired) -- 02/26/15 -- 3DIcon Corporation (OTC PINK: TDCP), a developer of groundbreaking 3D volumetric display technologies that are designed to produce 360-degree volumetric high-resolution images, announced today the publication of a paper coauthored by its Chief Technology Officer, Dr. Hakki Refai, in the Journal of Display Technology. The paper is already available for download online, and will be officially featured in the March issue (Volume 11, Issue 3).

The paper, titled "Scalable Upconversion Medium for Static Volumetric Display," discusses the need for efficient upconversion emitters that can be scaled for use in a full color 3D display such as 3DIcon's CSpace®. One such approach is reported that considers dispersions of ground rare earth-doped fluoride bulk crystals at various concentrations in liquids having different refractive index. While a 3D image was created, the dispersion of particles was found to be unstable over time. Alternative host materials, e.g., ceramic crystals, were recommended to improve the observed instability. The paper was coauthored by Dr. Refai, Dr. Badia Koudsi, and Professor James J. Sluss, Jr.

"The publication of this paper in Journal of Display Technology is a significant achievement both for 3DIcon as a company, and for the three coauthors. It's a fantastic opportunity to showcase the technology we have been working so hard on to develop, and helped define the need for a strategic partner like SCHOTT Defense with expertise in specialty glass," said Doug Freitag, VP of Technology and Product Development, 3DIcon. "The market for 3D display technologies continues to grow every day, and we believe we are developing an outstanding technology that will change the way multiple industries view and analyze data. We're extremely pleased to share our insights with our peers in this paper."

The Journal of Display Technology is a joint publication of IEEE/OSA and covers the theory, design, fabrication, manufacturing, and application of information displays and aspects of display technology, with an emphasis on device engineering, device design, materials, electronics, physics, and reliability aspects of displays and applications of displays.

About 3DIcon Corporation
3DIcon Corporation (the "Company", "3DIcon", "we", "us" or "our") is a developer of 3D display technologies. The Company's patented volumetric 3D display technology,
CSpace®, is being developed to produce 360-degree viewable, high-resolution, color images, and is intended for use in government and industrial applications such as air traffic control, medical imaging, automotive & aerospace design, geological visualization, weather visualization, battle space visualization, and cargo / baggage / people scan visualization. The Company also sells a software product, Pixel Precision, a simple-to-use image creation / manipulation tool for engineers developing systems based on Texas Instruments' DLP® line of products. For more information please visit www.3dicon.net.

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