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TBJ ARTICLE

3DIcon Files Provisional Patent for Unique OLEDs

Tulsa Business Staff

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3DIcon Corporation, a Tulsa-based development-stage technology company, today announced that its research team at the University of Oklahoma, working under a sponsored research agreement, has filed a provisional patent application with the U.S. Patent and Trademark Office, covering the rights to the invention of a new optically controlled Organic Light Emitting Diode that can be applied to forming novel light-activated 3D, as well as 2D displays.

"This patent creates a promising new approach to creating 3D images, which to our knowledge is not currently being pursued by any of our competitors. This technology is a truly unique avenue to creating 3D displays and has evolved from our multidisciplinary research strategy at OU," stated 3DIcon President Vivek Bhaman.

Inventor and Co-Principal Investigator at OU, Dr. Gerard Newman added, "Our innovation represents a completely new technology avenue for creating high resolution, low-energy 3D images while bypassing several of the technology challenges facing existing strategies for creating 3D displays."

3DIcon's research team at OU considers this invention to be groundbreaking in that it integrates technological advances across five areas, including: 1) photo elements, 2) light emitting elements, 3) circuits, 4) material synthesis through combination, and 5) light scanners and modulators.

"We believe that the potential applications of this patent create an opening for 3DIcon to enter significant new markets in the rapidly growing display area that includes 2D and 3D," added 3DIcon chairman and CEO, Martin Keating. "With each new patent, we further fortify our IP strategy and advance our commercial goals in the areas of 3D displays. Our research continues to provide new opportunities for the company."

In addition to its use for creating 3D displays, this patent also covers the creation of unique two-dimensional displays that would be wafer-thin, flexible, and most importantly free of connector cables and belts.

to do list

Nominate 40 under 40