

Intematix Adds to White LED Phosphor Wins with License to Korea's ITSWELL Co.

May 2, 2005 – Moraga, California USA -- Material discovery and phosphor experts, Intematix Corporation of Moraga, California today announced the completion of another major white LED technology customer announcement with a multi-faceted license-based agreement with ITSWELL Co., Ltd. of Cheongwon Chungbuk, Korea. ITSWELL is a recognized leader in chip and LED innovation and manufacturing across major international markets, and will use the Intematix patent-backed phosphor across its portfolio of blue spectrum LED applications.

According to Intematix Chief Executive Officer, Ruediger Stroh, "We have collaborated with ITSWELL in creating a highly optimized phosphor that matches their chip selection. During the course of this collaboration ITSWELL's solid technical process and marketing reach have become quite evident to us. It is a privilege for our patent-backed phosphors to have been validated by such a capable company, further expanding our presence in IP-critical markets worldwide."

The first members of the Intematix phosphor family, the White Lightning Y450TM and Y460TM were announced last month, and are available for high volume use, providing fully patent-protected, non-infringing phosphor options to designers and manufacturers of white LED solutions.

"ITSWELL is not only focused on the Korea market but we are also focused on export opportunities throughout the world. Our customers in Japan, the US and Europe are world leaders and demand LEDs based on best in class, infringement-free chip, packaging and phosphor technologies. Intematix is a key partner in delivering on this promise to our world-leading customers," says Dr. Soon-Jae Yu, ITSWELL's Chief Executive Officer.

Intematix customers are leaders in a variety of high-value markets such as LCD backlighting, camera flash, architectural and automotive lighting. While cost-competitive general illumination is not here yet, it is well within view in terms of the performance of Intematix' line of phosphors. These recent products have been made possible by the use of proprietary Discovery Engines which allow rapid tuning of a phosphor's properties to meet specific customer needs. The range of phosphors available from Intematix, when combined with the market leadership and LED systems design knowledge of their customers, delivers the demanding brightness and color requirements needed to serve the most demanding market segments.

"The availability of Intematix phosphors and their acceptance by leaders such as ITSWELL is another clear indication of the market transformation that will lead to truly cost effective high brightness white LED production. The combination of collaborative implementations combined with our patent-backed compositions will make for a successful relationship between our two companies. Together we are on a technology path which is transforming the industry on an international scale," concluded Stroh.

About Intematix

Intematix specializes in next generation nano, bulk & thin film materials. Leveraging its ultra rapid material development and proprietary tools and processes, the company discovers materials in a fraction of the time typical for conventional methods. Intematix is currently announcing production availability of key patent-backed phosphors for the solid state lighting and imaging markets, from its Moraga, California, USA facility. For more information, visit <http://www.intematix.com>.

About ITSWELL Co., Ltd.

Based in Cheongwon Chungbuk, South Korea, ITSWELL Co., Ltd is a quality-focused developer and manufacturer of packaged high brightness LEDs addressing key value-add market segments including illumination and signboard applications.

For more information, visit <http://www.ITSWELL.com>