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Lit Thinking Selects Taiyo Nippon Sanso MOCVD Platform to Enable New UVLED Technologies and Commercial Products

Taiyo Nippon Sanso Corporation (TNSC) (president: Kenji Nagata), a Japanese industrial gas company in Nippon Sanso Holdings Group, and Lit Thinking have announced Lit Thinking will purchase and use a TNSC SR2000HT-RR metal organic chemical vapor deposition (MOCVD) reactor for its UVLED research and development, with support and expertise from TNSC.

“Taiyo Nippon Sanso is very proud to establish a relationship with Lit Thinking for development and commercialization of UVLED technology and products. Taiyo Nippon Sanso is looking forward to working with John Rajchert, Dr. Leo Schowalter, and the entire Lit Thinking team,” said TNSC Senior Corporate Officer Kunihiro Kobayashi.

“Lit Thinking is thrilled to partner with Taiyo Nippon Sanso,” said John Rajchert, CEO, Lit Thinking. “The integration of the TNSC SR2000HT-RR MOCVD system marks a pivotal advancement for us, equipping our team with unparalleled materials growth capabilities. This collaboration not only accelerates our journey towards groundbreaking UVLED technologies, but also enhances our ability to develop commercial products that promise to redefine safe indoor environments. We are eager to leverage this technology to push the boundaries of what's possible in UVLED applications.”

As applications for UVLEDs expand, TNSC expects its HT (high temperature) MOCVD platforms to be the platforms of choice for advanced AlGaIn device fabrication.

About Lit Thinking

Lit Thinking is a private technology firm dedicated to making indoor environments healthier and safer. With expertise in building technology and science, Lit Thinking harnesses the power of human-safe, Far-UVC technology to effectively mitigate airborne pathogen risks. Their state-of-the-art research, proprietary software, and innovative use of Far-UVC light empower businesses and individuals to create safer, healthier, and more productive indoor spaces. For more information, visit <https://www.litthinking.com>

About Taiyo Nippon Sanso Corporation

Taiyo Nippon Sanso Corporation, founded in 1910, is a global supplier of industrial gases. In 1983, TNSC launched MOCVD operations alongside its conventional industrial gas operations. More information about TNSC MOCVD products and technology can be found at www.MOCVD.jp

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