



**PRESS RELEASE**

*For immediate release*

**USPTO GRANTS A PATENT ON MAIN OPSENS TECHNOLOGY**

**Quebec City, Quebec, August 21, 2007** – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) announce today that the United States Patent and Trademark Office (USPTO) has granted Opsens, patent no. 7,259,862 entitled *Low-coherence interferometry optical sensor using a single wedge polarization readout interferometer*. This patent protects Opsens’ white-light polarization interferometric (WLPI) technology.

The WLPI technology is the results of three years of extensive research and development and its outcome is a complete line of fiber optic sensors and signal conditioners for measuring various physical parameters such as pressure, temperature, strain and displacement. This unique technology is highly competitive amongst other sensing technologies when it comes to measurement applications in the harshest environments. The WLPI technology is used by Opsens in various markets such as oil and gas and medical industries.

“This patent award represents an important milestone for the development of our strategic markets such as the medical and the oil and gas markets. Our awarded patent has very broad and fundamental claims, and we are pleased with this recognition of the WLPI technology by the USPTO. Opsens has also other pending patent applications for the WLPI technology in various countries to protect its worldwide commercialization plan.” said Gaétan Duplain, Vice President Energy at Opsens and the patent’s inventor.

**About Opsens**

Opsens is a leading developer, manufacturer and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary and patented technologies. Opsens sensors provide long-term accuracy and reliability in the harshest environments and are able to address various critical measurement requirements. Opsens provides fiber optic sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, energy and laboratory industries. Opsens offers technical services, as on site installation, training and turnkey fiber optic sensing systems.

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*Forward-looking statements contained in this press release involve known and unknown risks, uncertainties and other factors that may cause actual results, performance and achievements of Opsens to be materially different from any future results, performance or achievements expressed or implied by the said forward-looking statements.*

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