

Laser Energetics Files Patent Application for a New BrightStar™ Alexandrite Laser

Company Continues to Expand Intellectual Property Portfolio

Mercerville, N.J., April 14, 2008 – Laser Energetics, Inc. (Pink Sheets: LNGT) announced today that the Company has filed a patent application for a new BrightStar™ flashlamp pumped conductively air cooled Alexandrite laser technology. US Provisional Patent No. 61/026,281, filed with the US Patent and Trademark Office, encompasses a new type of Alexandrite laser technology.

Robert D. Battis, CEO of Laser Energetics, stated, “This technology advances the efficiency of the Alexandrite laser pump chamber, while simultaneously making it more reliable, easier to cool, and more compact. This new technological advancement removes around \$3,000 from the cost to build of the laser pump chamber, and because of the improvement of operational efficiency, the cost of the power supply will decrease. This new laser technology will benefit LEI’s – HyGeniLase, Inc. JV for its Dental Laser Application for cleaning teeth. In addition, this new laser technology will benefit LEI’s planned collaborations with other medical laser companies using the technology for medical laser applications such as Hair Removal, Tattoo Removal and Photo Acoustic Imaging to name just a few. “

This flashlamp pumped tunable BrightStar™ Alexandrite laser offers a more cost-effective solution than other laser technologies which are not wavelength tunable, like this new BrightStar™ Alexandrite laser. With a wall plug efficiency of 5%, this laser can be built one third the size of comparable technologies without water cooling. In addition because of its efficiency, it will run at 110 Volts, using around the same power as a hair dryer. "Better, Faster, Cheaper" says Battis. As a result, this new laser can serve more applications found in many areas of industry, science and the military as well. Like other Alexandrite lasers the company builds, the IR and UV light this laser emits can be transmitted into applications requiring beam transport through a fiber optic to a substrate or target.

“Our future patent will ensure our competitive edge in the marketplace for years to come,” stated Battis. “The company is hard at work developing its new product line of lasers that are smaller and lighter, having a lower cost to build, providing LEI with the right technology to address an inexhaustible amount of laser applications, leading to increased sales and profits.”

About Laser Energetics, Inc.: LEI has and continues to develop a comprehensive and strategic laser product line that addresses applications in Industry, Science, Medicine and the Military. The Company has had a primary focus on its Alexandrite laser technology. These tunable solid state lasers are unique in that they can be conductively air cooled to compete favorably against water cooled lasers in many applications. In addition, these lasers have one of the greatest wavelength tuning ranges with a bandwidth of over 250nm. The company is pursuing markets that are diverse yet can use the same laser with their compact user friendly design. This laser technology provides a sustainable advantage over many other lasers because of their tuneability, conductively air cooled operation, and their efficiency allowing these lasers to operate at preferred lower voltages such as 110 Volts as well as the military standard 28 VDC, as compared to other less efficient competitive lasers that are large and need 220 Volts to operate.

Safe Harbor: Statements regarding financial matters in this press release other than historical facts are "forward-looking statements" within the meaning of section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934, and as that term is defined in the Private Securities Litigation Reform Act of 1995. The company intends that such statements about the Company's future expectations, including future revenues and earnings, technology efficacy and all other forward-looking statements be subject to the safe harbors created thereby. The Company is a development stage company who continues to be dependent upon outside capital to sustain its existence. Since these statements (future operational results and sales) involve risks and uncertainties and are subject to change at any time, the Company's actual results may differ materially from expected results.

Contact: Laser Energetics, Inc. Investor Relations

at mail@laserenergetics.com or call (609) 587-8250