



NEWS RELEASE

Mobius Photonics Patent for Precise Average Power Control of Green and UV Fiber-Based Light Sources Targets Process Uniformity, Repeatability, Pulse Stability.

SANTA CLARA, CALIF. – May 12, 2009 — Mobius Photonics, Inc. has been awarded U.S. Patent #7,529,281, “Light source with precisely controlled wavelength-converted average power”.

The key innovation protected by this patent is the control of wavelength-converted pulse energy and average power, achieved through control of the wavelength conversion efficiency. The patent is particularly useful in fiber MOPA (master-oscillator, power amplifier) systems where the (infra-red) IR fundamental wavelength is converted to green or (ultra-violet) UV wavelengths.

Dr. Laura Smoliar, CEO of Mobius Photonics, Inc. said, “We are pleased that the United States Patent Office confirmed the novelty and utility of our power control concept. Our system’s exceptional pulse stability and control enable superior process uniformity and repeatability for a diverse array of precision material processing applications, from scribing of large-format solar panels to meeting tight cutting or drilling tolerances needed for miniaturizing electronics. This patent further differentiates our products from incumbent laser technologies and other laser suppliers”.

The URL for this release is <http://mobiusphotonics.com/patent3>

About Mobius Photonics

Founded in 2005, Mobius Photonics, Inc. is the leader in commercial fiber-based laser sources for the visible and UV. Mobius is made up of industry veterans who previously created two successful laser companies, a management team that combines in-depth understanding of customer needs with manufacturing experience, and a product



development team that pushes the state of the art by working in close collaboration with suppliers and customers from around the world.

Current products feature both fundamental (IR) and harmonically wavelength converted (green and UV) outputs. These products are based on a pulsed master-oscillator, fiber-power-amplifier (MOFPA) architecture. Applications for these laser sources include wafer singulation, material processing, solar cell manufacturing, semiconductor inspection and repair, via drilling, and medical therapy.

For more information, visit www.mobiusphotonics.com or call (408) 496-1084.

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