



For Immediate Release
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Quality Ensured Volume Holographic Gratings (VHG) for Every Application

Ondax, Inc, a world leader in the design and manufacture of volume holographic gratings (VHG) and wavelength stabilized, single mode semiconductor lasers for the consumer electronics, industrial, defense, and medical markets, announces that it was granted a new patent from the United States Patent and Trademark Office. The company now holds 9 issued patents and has 20 patent applications pending.

“This new patent solidifies the protection of our intellectual property portfolio in our core technology of volume holographic gratings and their applications and further strengthens our leadership in this field.” said Ondax President and CEO, Christophe Moser, Ph.D.

Patent number US 7,359,046, titled “Method and Apparatus for Wafer-Level Measurement of Volume Holographic Gratings” protects a concept critical to the quality control of VHG. This patent details an automated method for measuring every parameter of a VHG wafer simultaneously, with a spatial resolution and speed improved by one order of magnitude over current state-of-the-art. Ondax’s solution enables 100% testing on all parameters of the VHG and ensures the highest quality and reproducibility.

Dr. Moser went on to say “Ondax customers use our VHG in very demanding applications. It is crucial to get the right performance with every VHG whether used in high volume, consumer applications or low volume, defense applications.”

Ondax, Inc. has been manufacturing commercial VHG for over 7 years. The PowerLocker™ is a volume holographic glass grating which diffracts a defined efficiency at a specific wavelength. The gratings increase spectral brightness of laser diodes, locking their wavelength and increasing temperature stability and yield. The PowerLocker™ VHG is available in wavelengths from 350nm to 3microns.

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