

NEWS RELEASE

For Immediate Release

Universal Laser Systems awarded patent for MultiWave Hybrid™ Technology

Scottsdale, AZ – August 16, 2016 - Universal Laser Systems, Inc. (ULS), a recognized world leader in laser materials processing, has been awarded a patent for its MultiWave Hybrid™ technology, [US Patent No. 9,346,122](#).

The MultiWave Hybrid™ technology, combines beams from multiple lasers into a single, hybrid laser beam. Users can leverage this technology to combine a number of different laser power levels and wavelengths. Additionally, users can dynamically, individually control the lasers. For example, 1.06 μm, 9.3 μm and 10.6 μm laser beams can be combined in any proportion to create a number of desired effects on various materials.

This patented technology is an indispensable tool for manufacturing, material science and product development. It offers enhanced laser material processing flexibility and adaptability by providing users compatibility with the broadest range of materials within one laser system.

“This technology has the potential to produce new and novel methods of processing materials with laser energy by combining multiply wavelengths of laser energy into a single beam which can produce reactions from materials not seen or possible when only one wavelength is used,” said Chris Risser, ULS Director of Product Development.

It is ideal for processing many materials such as plastic films, industrial films, engineering plastics, laminating adhesives, composite materials as well as many others.

MultiWave Hybrid technology is currently available on the XLS platform.

The MultiWave Hybrid technology patent is one of many patents awarded to ULS since its inception in 1988. To learn more, visit www.ulsinc.com

About Universal Laser Systems

Universal Laser Systems, Inc. (ULS) is a global manufacturer of laser material processing solutions, founded in 1988 and headquartered in Scottsdale, Arizona, with subsidiaries in Vienna, Austria and Yokohama, Japan. The company’s commitment to innovation, advancing the application of modern CO₂ and fiber laser technology and customer service has established a market-leading position with tens of thousands of customers in various industries across the globe.

From the development of laser sources, productivity enhancement technologies, advanced software and beam delivery systems to an extensive investment in the research of laser materials processing science and applications, ULS is committed to providing our customers with the most innovative, cost effective, flexible and scalable laser material processing solutions for today and future needs. For more information, visit www.ulsinc.com.