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News Release

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## **OFS LABS ADDS PATENT TO INTELLECTUAL PATENT PORTFOLIO**

**Murray Hill, New Jersey, April 26, 2012** – OFS and OFS Labs, a leading designer, manufacturer and supplier of innovative fiber optic network products, announce that they have added Measuring Modal Content of Multi-Moded fibers patent to their intellectual property portfolio.

“OFS has a long-standing legacy and commitment to innovation through our Bell Labs heritage,” states David DiGiovanni, Chief Technology Officer for OFS. “Along with our technology innovation presented routinely at industry technical conferences, our continued momentum in patent development demonstrates that the OFS Labs commitment to innovation continues.”

“Measuring Modal Content of Multi-Moded Fibers,” U.S. Patent No. 7,817,258, relates to a method for analyzing the output modal content of an optical fiber containing more than one spatial mode. The method allows mode content to be quantified by measuring interference between co-propagating modes in the optical fiber. By spatially resolving the interference, an image of the spatial beat pattern between two modes may be constructed, thereby providing information about the modes supported by the optical fiber. This capability is useful to the understanding of optical properties of few-moded fibers, a potential next-generation technology being explored to expand fiber bandwidth ten-fold. Measurement of mode content is also an important tool in development of kW-class fiber lasers for industrial cutting and welding applications.

## **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, optical fiber cable, connectivity, FTTx and specialty photonics solutions. Our marketing, sales, manufacturing and research teams provide forward-looking, innovative products and solutions in areas including Telecommunications, Medicine, Industrial Automation, Sensing, Government, Aerospace and Defense applications. We provide reliable, cost effective optical solutions to enable our customers to meet the needs of today's and tomorrow's digital and energy consumers and businesses.

OFS' corporate lineage dates back to 1876 and includes technology powerhouses such as AT&T and Lucent Technologies. Today, OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications.

For more information, please visit [www.ofsoptics.com](http://www.ofsoptics.com).

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## **CONTACT:**

Sherry Salyer

OFS Public Relations

[shsalyer@ofsoptics.com](mailto:shsalyer@ofsoptics.com)

Direct: 770-798-4210

Mobile: 678-296-7034