

## NEWS RELEASE

January 19<sup>th</sup>, 2011

**Press Contact:**

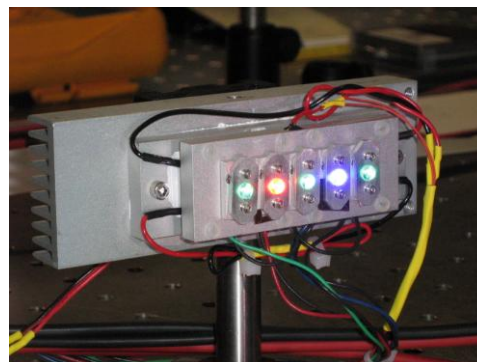
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**Portsmouth, NH.** – Corporation for laser Optics Research (COLOR) announced today that it has received an Issue Notification from the US Patent and Trademark Office indicating that the US patent application titled “*Laser Illuminated Backlight for Flat Panel Displays*” was issued on January 11<sup>th</sup>, 2011 as US Patent No. 7,866,869.

This newly issued patent provides broad protection over speckle reduction methods through spectrum bandwidth enhancement and use of semiconductor laser diodes in various backlight design configurations. This new technology is intended to be the next generation light source for flat panel displays including LCD monitors / TVs.

COLOR has been developing an LCD monitor prototype incorporating this laser backlight technology using semiconductor laser diodes in all three primary colors of red (R), green (G) and blue (B) with one of the world’s largest LCD panel manufacturers. This newly issued patent will provide important additional protection over the next generation backlight technology being developed jointly.

Shown below is a picture of an RGB laser diode module currently used in the laser backlight development, and it includes world’s first high output semiconductor green laser diodes.



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