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(71) Applicant *(for all designated States except US)*: **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SUN, Xiaoguang** [CN/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **HAASE, Michael A.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **MILLER, Thomas J.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **SMITH, Terry L.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **KELLEY, Tommie W.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **LEATHERDALE, Catherine A.** [CA/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) Agents: **MOSHREFZADEH, Robert S.** et al.; 3M Center, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

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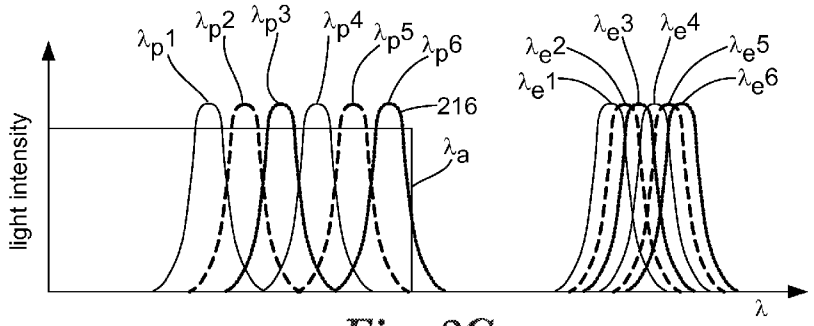


Fig. 2C

(57) Abstract: An arrangement of light sources is attached to a semiconductor wavelength converter. Each light source emits light at a respective peak wavelength, and the arrangement of light sources is characterized by a first range of peak wavelengths. The semiconductor wavelength converter is characterized by a second range of peak wavelengths when pumped by the arrangement of light sources. The second range of peak wavelengths is narrower than the first range of peak wavelengths. The semiconductor wavelength converter is characterized by an absorption edge having a wavelength longer than the longest peak wavelength of the light sources. The wavelength converter may also be used for reducing the wavelength variation in the output from an extended light source.

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