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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): **Execution Date** Name and address of receiving party(ies): (Month/Day/Year) 3M Innovative Properties Company Stephen M. Randall 07/27/01 3M Center P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of conveying party(ies) attached? 

Yes 

No Additional name(s) & address(es) attached? Yes No Nature of conveyance: Submission Type: Assignment Merger M New Resubmission (Non-Recordation): Security Agreement Change of Name Document ID # Other: Correction of PTO Error: Reel # Frame # Corrective Document: Reel # \_\_\_\_ Frame # This document is being filed with a new patent application on July 30, 2001. This document is to be recorded against the following patent application or patent: Patent Application No.(s) Patent No.(s) 08/02/2001 MGEBREM1 00000028 09918262 04 FC:581 Additional numbers attached? Yes No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Name: Kelly P. Fitzgerald Total fee (37 CFR 3.41): \$40.00 Address: Shumaker & Sieffert, P.A. 150 Gateway Corporate Center I Authorized to be charged to deposit account 576 Bielenberg Drive St. Paul, MN 55125 Please charge any additional fees or credit any overpayments to our Deposit account number: 50-1778 DO NOT USE THIS SPACE Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Kelly P. Fitzgerald July 30, 2001 Name of Person Signing Signature Total number of pages of the attached conveyance document including any attachments: 1 Do not detach this portion

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**PATENT** REEL: 012039 FRAME: 0366

## ASSIGNMENT

For valuable consideration, I, Stephen M. Randall of North St. Paul, Minnesota, hereby assign to: 3M Innovative Properties Company, having a place of business at: 3M Center, P.O. Box 33427, St. Paul, MN 55133-3427; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ILLUMINATION DEVICE UTILIZING DISPLACED RADIATION PATTERNS; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 7-27-20-1 Stephen M. Randall

RECORDED: 07/30/2001

REEL: 012039 FRAME: 0367