

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Martin J. Vos	07/19/2010
RECEIVING PARTY DATA	
Name:	3M Innovative Properties Company
Street Address:	P.O. Box 33427
City:	Saint Paul
State/Country:	MINNESOTA
Postal Code:	55133-3427
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12829611
CORRESPONDENCE DATA	
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Address Line 4:	ST. PAUL, MINNESOTA 55133-3427
ATTORNEY DOCKET NUMBER:	66353US002
NAME OF SUBMITTER:	07/20/2010
Total Attachments: 2 source=AssignmentExecuted_66353US002#page1.tif source=AssignmentExecuted_66353US002#page2.tif	

CH \$40.00 12829611

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

TRANSISTOR LADDER NETWORK FOR DRIVING A LIGHT EMITTING DIODE SERIES STRING

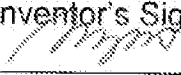

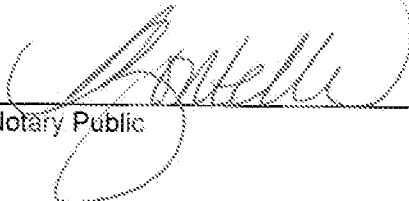
- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. **12/829,611**, was filed on **July 2, 2010**
- which application is identified as PCT International Patent Application No. ; filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Martin J.		Family Name or Surname: Vos	
Inventor's Signature: 		Date: <u>JULY 19 2010</u>	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: Netherlands
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>19th</u> day of <u>July</u> , <u>2010</u> , before me personally appeared the above-named Martin J. Vos, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		 _____ Notary Public	