



6-1-04

102762712

HEET

To: The Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)/(Execution Date)

Epstein, Kenneth A. June 1, 2004
Tran, Hung T. May 25, 2004
Schultz, John C. May 24, 2004
Emmons, Robert M. May 21, 2004

Additional names of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Additional names of receiving party(ies) attached?
 Yes No

16334 U.S. PTO
10/858539



3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is : June 1, 2004

A. Patent Application No(s).

B. Patent No(s).

10858539

Additional Numbers Attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce E. Black
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 736-3366

32692

Customer Number

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR § 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 13-3723

DO NOT USE THIS SPACE

9. 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. Charges to deposit account are authorized, as indicated herein.

Printed Name of Attorney/Agent:
Bruce E. Black
Registration No.: 41,622

B. E. Black
Signature

June 1, 2004
Date

Pages: Total number of pages including COVER SHEET, attachments and documents

4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

06/09/2004 MBETRACHE 00000146 133723 10858539

01 FC:8021 40.00 DR

ASSIGNMENT OF APPLICATION

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

LED ARRAY SYSTEMS


- 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. ; was filed on ;
- 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 by 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;

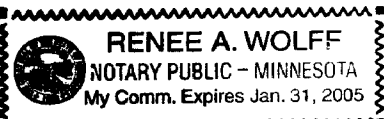
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, 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]): Kenneth A.		Family Name or Surname: Epstein	
Inventor's Signature: <i>Kenneth A. Epstein</i>		Date: <i>6/1/04</i>	
Residence: Saint Paul, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>1st</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Kenneth A. Epstein, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) 		<i>Kim A. Elfstrom</i> Notary Public	

Given Name (first and middle [if any]): Hung T.		Family Name or Surname: Tran	
Inventor's Signature: <i>Hung T. Tran</i>		Date: 5-25-04	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>25th</u> day of <u>May</u> , <u>2004</u> , before me personally appeared the above-named Hung T. Tran, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		<i>Shannon M. Bruce</i> Notary Public	

Given Name (first and middle [if any]): John C.		Family Name or Surname: Schultz	
Inventor's Signature: <i>John C. Schultz</i>		Date: 5/24/04	
Residence: Afton, Minnesota 55001		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>24th</u> day of <u>May</u> , <u>2004</u> , before me personally appeared the above-named John C. Schultz, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		<i>Renee A. Wolff</i> Notary Public	

Given Name (first and middle [if any]): Robert M.		Family Name or Surname: Emmons	
Inventor's Signature: <i>Robert M. Emmons</i>		Date: 5/21/2004	
Residence: Saint Paul, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>21st</u> day of <u>May</u> , <u>2004</u> , before me personally appeared the above-named Robert M. Emmons, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		<i>Michelle L. Murphy</i> Notary Public	