

Case No.: 57958U\$002

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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)

Thomas, Patrick A. 12/08/03
Nelson, John C. 12/09/03
Taplo, Scott M. 12/11/03
Graetz, Michael L. 12/09/03
Gates, Amy J. 12/08/03
Olofson, Peter M. 12/08/03
Brott, Robert L. 12/08/03
Moshrefzadeh, Robert S. 12/10/03

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**3. Nature of Conveyance:**

☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other: Re-record to correct missing inventors on a document
previously recorded at Reel 014804/0550 (enclosed is a copy of the
original Recordation Cover Sheet, the Assignments showing all
inventors' signatures and a copy of USPTO Document No. 700169177)

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 :

A. Patent Application No(s).
10/733066

B. Patent No(s).Additional Numbers Attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: George W. Jonas
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 733-2297

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:

George W. Jonas

Registration No.: 46,811

Signature

Date

7/15/05**Pages:** Total number of pages including COVER SHEET, attachments and documents

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

PATENT**700195454****REEL: 016538 FRAME: 0936**

CH \$40.00 133723 10733066

Case No.: 57908U002

RECORDATION FORM COVER SHEET

PATENTS ONLY

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)

Thomas, Patrick A. December 8, 2003
Nelson, John C. December 9, 2003
Tapio, Scott M. December 11, 2003
Graetz, Michael L. December 9, 2003
Gates, Amy J. December 8, 2003
Olofson, Peter M. December 8, 2003

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

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

☐ If this is a request for correction of a previously recorded document, a copy of the previously recorded assignment and previous Notice of Recordation is enclosed.

4. Application number or patent number:

☒ This document is being filed contemporaneously with a new patent application.
☐ This document is to be recorded against the following patent application or patent:
☐ Enter Patent Cooperation Treaty (PCT) application number only if a USSN has not been assigned:

Additional Numbers Attached? ☐ Yes ☒ No

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

Name: Stephen W. Buckingham
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 733-3379



32692

PATENT TRADEMARK OFFICE

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:

William D. Miller

Registration No.: 37,988

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:

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Director of the United States Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

POSTED

DUE DATE(S)

ATTORNEY
DOCKETED

MAR 03 2004

PATENT

REEL: 016538 FRAME: 0937

Case No.: 57958US002

ASSIGNMENT OF APPLICATION

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

MICROSTRUCTURED SCREEN WITH LIGHT ABSORBING MATERIAL AND METHOD OF MANUFACTURING


- ☒ 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.

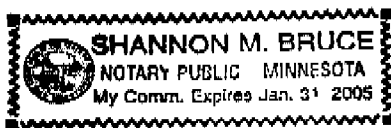
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Patrick A.		Family Name or Surname: Thomas	
Inventor's Signature: <i>Patrick A. Thomas</i>		Date: 12/8/03	
Residence: Maplewood, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this <u>8th</u> day of <u>December</u> , <u>2003</u> before me personally appeared the above-named Patrick A. Thomas, 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	

PATENT

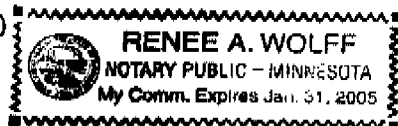
Given Name (first and middle [if any]): John C.		Family Name or Surname: Nelson	
Inventor's Signature:		Date:	
Residence: The Sea Ranch, California		Country: USA	Citizenship: United States of America
STATE OF CALIFORNIA) COUNTY OF _____) ss.			
On this _____ day of _____, before me personally appeared the above-named John C. Nelson, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		Notary Public	

Given Name (first and middle [if any]): Scott M.		Family Name or Surname: Tapio	
Inventor's Signature: <i>Scott Tapio</i>		Date: 12/11/03	
Residence: Falcon Heights, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss.			
On this <u>11th</u> day of <u>December</u> , <u>2004</u> , before me personally appeared the above-named Scott M. Tapio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		Notary Public	

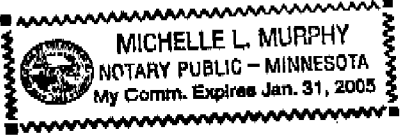


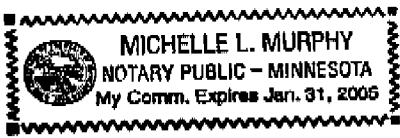
Shannon M. Bruce
Notary Public



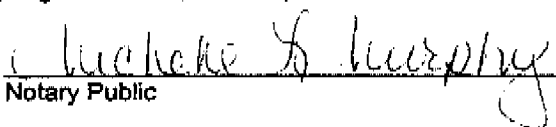
Given Name (first and middle [if any]): Michael L.		Family Name or Surname: Graetz	
Inventor's Signature: <i>Michael L. Graetz</i>		Date: 12/9/2003	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss.			
On this <u>9th</u> day of <u>December</u> , <u>2003</u> , before me personally appeared the above-named Michael L. Graetz, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		Notary Public	



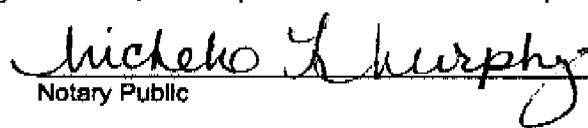


Renee A. Wolff
Notary Public

Given Name (first and middle (if any)): Amy J.		Family Name or Surname: Gates	
Inventor's Signature: <i>Amy J. Gates</i>		Date: 12-8-03	
Residence: Cottage Grove, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this <u>8th</u> day of <u>December</u> , <u>2003</u> , before me personally appeared the above-named Amy J. Gates, 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	

Given Name (first and middle (if any)): Peter M.		Family Name or Surname: Olofson	
Inventor's Signature: <i>Peter M. Olofson</i>		Date: 12-8-03	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this <u>8th</u> day of <u>December</u> , <u>2003</u> , before me personally appeared the above-named Peter M. Olofson, 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	

Given Name (first and middle (if any)): Robert L.		Family Name or Surname: Brott	
Inventor's Signature: 		Date: 12-8-2003	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this 8th day of December, 2003, before me personally appeared the above-named Robert L. Brott, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) 		 Notary Public	

Given Name (first and middle (if any)): Robert S.		Family Name or Surname: Moshrefzadeh	
Inventor's Signature: 		Date: 12/10/2003	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this 10th day of December, 2003, before me personally appeared the above-named Robert S. Moshrefzadeh, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) 		 Notary Public	

Case No.: 57958US002

ASSIGNMENT OF APPLICATION

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

MICROSTRUCTURED SCREEN WITH LIGHT ABSORBING MATERIAL AND METHOD OF MANUFACTURING

- ☒ 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 ;


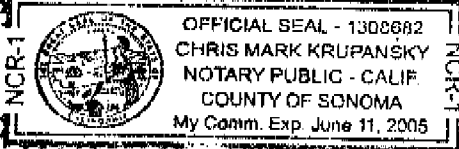

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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)): Patrick A.		Family Name or Surname: Thomas	
Inventor's Signature:		Date:	
Residence: Maplewood, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss.			
On this _____ day of _____, before me personally appeared the above-named Patrick A. Thomas, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		_____ Notary Public	

Given Name (first and middle [if any]): John C.		Family Name or Surname: Nelson	
Inventor's Signature: 		Date: 12/9/03	
Residence: The Sea Ranch, California		Country: USA	Citizenship: United States of America
STATE OF CALIFORNIA) COUNTY OF <u>Sonoma</u>) ss. On this <u>9th</u> day of <u>December</u> , <u>2003</u> , before me personally appeared the above-named John C. Nelson, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  NCR-1 Notary Public 			

Given Name (first and middle [if any]): Scott M.		Family Name or Surname: Tapio	
Inventor's Signature:		Date:	
Residence: Falcon Heights, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this _____ day of _____, before me personally appeared the above-named Scott M. Tapio, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) _____ Notary Public			

Given Name (first and middle [if any]): Michael L.		Family Name or Surname: Graetz	
Inventor's Signature:		Date:	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this _____ day of _____, before me personally appeared the above-named Michael L. Graetz, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) _____ Notary Public			

Given Name (first and middle [if any]): Amy J.		Family Name or Surname: Gates	
Inventor's Signature:		Date:	
Residence: Cottage Grove, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this _____ day of _____, before me personally appeared the above-named Amy J. Gates, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) Notary Public			

Given Name (first and middle [if any]): Peter M.		Family Name or Surname: Olofson	
Inventor's Signature:		Date:	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this _____ day of _____, before me personally appeared the above-named Peter M. Olofson, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) Notary Public			

Given Name (first and middle [if any]): Robert L.		Family Name or Surname: Brott	
Inventor's Signature:		Date:	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF _____) COUNTY OF _____) ss. On this _____ day of _____, before me personally appeared the above-named _____, and who executed the foregoing instrument, as said person's free act and deed, on the _____ day and year aforesaid. (Seal) Notary Public			

Given Name (first and middle [if any]): Robert S.		Family Name or Surname: Moshrefzadeh	
Inventor's Signature:		Date:	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) COUNTY OF RAMSEY) ss. On this _____ day of _____, before me personally appeared the above-named Robert S. Moshrefzadeh, and who executed the foregoing instrument, as said person's free act and deed, on the _____ day and year aforesaid. (Seal) Notary Public			

FACSIMILE

Date: July 15, 2005 Number of Pages (including cover sheet) 12

32692 Customer Number	Office of Intellectual Property Counsel 3M Innovative Properties Company PO Box 33427 St. Paul, MN 55133-3427 USA
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<p>To: United States Patent and Trademark Office Assignment Recordation Services</p> <p>Phone: 703-308-9723</p> <p>Re: U.S. Application No. 10/733066</p> <p>Fax No. 703-306-5995</p>
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<p>From: George W. Jonas</p> <p>Phone: (651) 736-6933</p> <p>Our Case No.: 57958US002</p> <p>Fax No. 651-736-3833</p>
