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11-06-2000



ocket No. 55330USA1A.002

**PATENT ASSIGNMENT RECORDATION COVER**

To: The Commissioner for Patents  
Please record the attached original document or copy thereof.

101506233

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| <b>Submission Type:</b><br><input checked="" type="checkbox"/> New<br><input type="checkbox"/> Resubmission (Non-Recordation):<br>Document ID# _____<br><input type="checkbox"/> Correction of PTO Error: Reel # _____ Frame # _____<br><input type="checkbox"/> Corrective Document: Reel # _____ Frame # _____ | <b>Conveyance Type:</b><br><input checked="" type="checkbox"/> Assignment<br><input type="checkbox"/> Other: _____ |
|--|--|

|   |   |
|---|---|
| <b>Name of conveying party(ies)</b><br>David, Moses M.                      10/04/2000<br>Gates, Brian J                            10/04/2000<br>Nelson, Brian K.                        10/06/2000<br>Haddad, Louis C.                        10/05/2000<br>Dufresne, Joel R.                        10/04/2000<br><br>Execution Date<br>(Month/Day/Year) | <b>Name and address of receiving party(ies):</b><br><br><b>3M Innovative Properties Company</b><br>P.O. Box 33427<br>St. Paul, Minnesota 55133-3427 |
| Additional names of conveying party(ies) attached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   |

**Application number or patent number:**  
 This document is being filed with a new patent application on  
 This document is to be recorded against the following patent application or patent: 09/519,449

**Patent Cooperation Treaty (PCT):**  
 Enter PCT application number only if a U.S. Application Number has not been assigned:

**Name and address of party to whom correspondence concerning document should be mailed:**  
 Name: Melanie Gover, Phone Number: 651-737-4029  
 Office of Intellectual Property Counsel  
 3M Innovative Properties Company  
 P.O. Box 33427  
 St. Paul, Minnesota 55133-3427

|  |  |           |
|--|--|-----------|
| <b>Number of Properties:</b>   | Enter the total number of properties involved                                    | 1         |
| <b>Fee Amount:</b>   | Fee Amount for Properties Listed (37 CFR 3.41)                                   | X \$40.00 |
| <b>Method of Payment:</b>  | <input checked="" type="checkbox"/> Charge to Deposit Account No. <u>13-3723</u> | = \$40.00 |
| Authorization to charge additional fees: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |           |

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

|   |                                   |                                 |
|---|-----------------------------------|---------------------------------|
| Melanie Gover 41, 793<br>Printed Name of Attorney | <u>Melanie Gover</u><br>Signature | <u>October 11, 2000</u><br>Date |
|---|-----------------------------------|---------------------------------|

**Pages:** Total number of pages of the attached conveyance document including any attachments **3**

Mail documents to be recorded with required cover sheet information to:  
 Commissioner for Patents, Box Assignments, Washington, DC 20231

\\supreme\public\government\553301a assignment recordation cover sheet.doc 4/28/99

ASSIGNMENT

Whereas we, the below named inventors, with residences and citizenships as indicated below; have made an invention in

**DIAMOND-LIKE GLASS THIN FILMS**

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified in the United States Patent and Trademark Office as U.S. Application Serial No. 09/519,449, filed March 5, 2000;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly owned subsidiary of MINNESOTA MINING AND MANUFACTURING 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by Minnesota Mining and Manufacturing Company and any of its existing or future subsidiaries of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made,

We do further agree for ourselves and for 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 we lawfully may, that may be deemed necessary by the 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 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 the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

*Moses M. David*

Moses Mekala David  
Residence: Woodbury, Minnesota, U.S.A.  
Citizenship: India

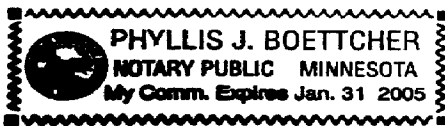
STATE OF MINNESOTA )  
  ) ss.  
COUNTY OF RAMSEY )

On this 4<sup>th</sup> day of October, 2000 before me personally appeared the above-named Moses Mekala David, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

*Phyllis J. Boettcher*

Notary Public



*Brian J. Gates*

Brian John Gates  
Residence: Eagan, Minnesota, U.S.A.  
Citizenship: United States of America

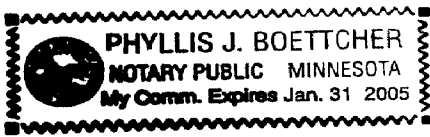
STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF RAMSEY )

On this 4<sup>th</sup> day of October, 2000, before me personally appeared the above-named Brian John Gates, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

*Phyllis J. Boettcher*

Notary Public



*Brian K. Nelson*

Brian Kenneth Nelson  
Residence: Shoreview, Minnesota, U.S.A.  
Citizenship: United States of America

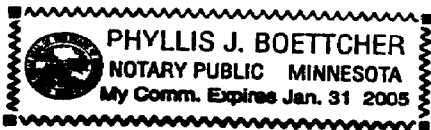
STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF RAMSEY )

On this 6<sup>th</sup> day of October, 2000, before me personally appeared the above-named Brian Kenneth Nelson, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

*Phyllis J. Boettcher*

Notary Public



*Louis C. Haddad*

Louis C. Haddad  
Residence: Mendota Heights, Minnesota, U.S.A.  
Citizenship: United States of America

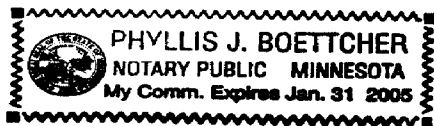
STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF RAMSEY )

On this 5<sup>th</sup> day of October, 2000, before me personally appeared the above-named Louis C. Haddad, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

*Phyllis J. Boettcher*

Notary Public



*Joel Rivard Dufresne*  
\_\_\_\_\_  
Joel Rivard Dufresne  
Residence: Saint Paul, Minnesota, U.S.A.  
Citizenship: United States of America

STATE OF MINNESOTA )  
                                  ) ss.  
COUNTY OF RAMSEY

On this 14<sup>th</sup> day of October, 2000, before me personally appeared the above-named Joel Rivard Dufresne, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

*Phyllis J. Boettcher*  
\_\_\_\_\_  
Notary Public

