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ocket No. 47684USA1K.031

**PATENT ASSIGNMENT REC**

101228056

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

**Submission Type:**

- New
- Resubmission (Non-Recordation):  
Document ID# \_\_\_\_\_
- Correction of PTO Error: Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
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**Conveyance Type:**

- Assignment
- Other: \_\_\_\_\_

**Name of conveying party(ies)**

Minnesota Mining and  
Manufacturing Company  
(a Corporation of Delaware)

**Execution Date  
(Month/Day/Year)**

09/07/99

**Name and address of receiving party(ies):**

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

Additional names of conveying party(ies) attached?

- Yes
- 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: 09/232,540, filed 01/18/99

**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: William J. Bond, Phone Number: (651) 736-4790  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427

**Number of Properties:**

Enter the total number of properties involved

1

**Fee Amount:**

Fee Amount for Properties Listed (37 CFR 3.41)

X \$40.00

**Method of Payment:**

- Charge to Deposit Account No. 13-3723
- Authorization to charge additional fees:  Yes  No

= \$40.00 6

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**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.

Robert W. Sprague, Reg. No. 30,4970  
Printed Name of Attorney

Signature

December 13, 1999  
Date

**Pages:**

Total number of pages of the attached conveyance document including any attachments

2

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

ASSIGNOR: MINNESOTA MINING AND MANUFACTURING COMPANY  
of: PO Box 33427  
St. Paul, Minnesota 55133-3427  
United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America does hereby claim and declare that it is the owner of all right, title and interest in and to the following Patent Application(s) or letters Patents(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in United States Patent(s) and /or Patent Application(s):

Patent Application or Patent Number  
09/232,540

Filing Date or Issue Date  
January 18, 1999

Minnesota Mining and Manufacturing Company does hereby, for good and valuable consideration, effective as of April 1, 1999 received, sell, assign and transfer unto:

ASSIGNEE: 3M INNOVATIVE PROPERTIES COMPANY  
of: PO Box 33427  
St. Paul, Minnesota 55133-3427  
United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America, its entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s) including any division, continuation (in whole or in part) reissue or reexamination thereof, and consent to the recordal of this Assignment.

ASSIGNOR  
Subscribed and Sworn:

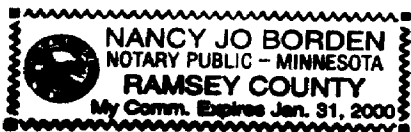
At St. Paul, Minnesota 55133-3427  
this 7<sup>th</sup> day of Sept., 1999.

MINNESOTA MINING AND  
MANUFACTURING COMPANY

By: [Signature]  
Name: Robert W. Sprague  
Its: Asst. Chief Intellectual Property  
Counsel

Subscribed and sworn to before me this  
7<sup>th</sup> day of Sept., 1999.

[Signature]  
Notary Public



ASSIGNEE  
Accepted:

At St. Paul, Minnesota 55133-3427  
this 7<sup>th</sup> day of Sept., 1999.

3M INNOVATIVE PROPERTIES  
COMPANY

By: [Signature]  
Name: Gary L. Griswold  
Its: President & Chief Intellectual  
Property Counsel

Subscribed and sworn to before me this  
7<sup>th</sup> day of Sept., 1999.

[Signature]  
Notary Public

