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To the Honorable Commissioner of Patents and Trademarks:	
Please record the attached original document or	copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Minnesota Mining and Manufacturing Company	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427
Additional names of conveying party(ies) attached?	05-18-1999
3. Nature of conveyance: Assignment Execution Date(s): <u>April 20 and 22, 1999</u>	101038586
4. Application number or patent number:	
This document is being filed with a new patent a	pplication on .
This document is to be recorded against the following ∇	owing patent application or patent: 09/218,929.
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427	1 x \$40.00
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999 JSHABAZZ 00000011 133723 09218929 81 40.00 CH	7. Total fee (37 CFR 3.41)\$40.00. Please charge it to Deposit Account No. 13-3723
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8. Statement and signature.To the best of my knowledge and belief, the foregoin copy is a true copy of the original document.	ng information is true and correct and any attach
James D. Christoff Printed Name of Attorney Signature	April 22,1999 Date
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ASSIGNMENT

We, 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 do hereby claim and declare that we are 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	Filing Date or Issue Date
09/218,929	December 22, 1998

We do 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, our entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s), and consent to the recordal of this Assignment.

ASSIGNOR Subscribed and Sworn by us:

At St. Paul, Minnesota 55133-3427 this Anday of 999

MINNESOTA MINING AND MANUEACTURING COMPANY

By: Name: Robert W. Sprague Its:

Its: Assistant Chief Intellectual Property Counsel

Subscribed and sworn to before me this

day of \square Notary Public

AMBER NICHOLSON NOTARY PUBLIC - MINNESOTA RAMSEY COUNTY My Comm. Expires Jan. 31, 2000 ASSIGNEE Accepted by us:

At St. Paul, Minnesota 55133-3427 this 204 day of

3M INNOVATIVE PROPERTIES

By:

Name: Gary L[']. Griswold Its: President and Chief Intellectual Property Counsel

Subscribed and sworn to before me this

day of 1999. Public N S. KISTLER COLIC - MINNESOTA My Collect. Expires Jan. 31, 2000

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PATENT REEL: 009947 FRAME: 0161

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