12-23-1999

PATENT ASSIGNMENT To: The Commissioner of Patents and a TAULHMAILED. Submission Type: New New Resubmission (Non-Recordation): Document ID# Correction of PTO Error: Reel # Frame # Correction of PTO Error: Reel # Frame # Name of conveying party(ies) Minnesota Mining & Manufacturing Company, a Corporation of Delaware Manufacturing Company, a Corporation of Delaware Additional names of conveying party(ies) attached? Yes No Application number or patent number: Init document is being filed with a new patent application on This document is to be recorded against the following patent application or patent: 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 and address of party to whom correspondence concerning document should be mailed: Name and address of party to whom correspondence concerning document should be mailed: Name and address of party to whom correspondence concerning document should be mailed: Name and address of party to whom correspondence concerning document should be mailed: Name and address of party to whom correspondence concerning document should be mailed: Name: Carolyn V, Peters, Phone Number: 651-736-7929 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 Fee Amount: Fee Amount for Properties Listed (37 CFR 3.41) Authorization to charge additional fees: Yes 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.	mph 12.13.99			Docket	No. 54437USA5A	
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Pages: Total number of pages of the attached conveyance document including any attachments						

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ASSIGNMENT

MINNESOTA MINING AND MANUFACTURING COMPANY We. ASSIGNOR:

> PO Box 33427 of:

> > 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 29/094,212

Filing Date or Issue Date September 28, 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) 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 by us:

At St. Paul, Minnesota 55133-3427

this 6 day of December, 1999.

MINNESOTA MINING AND

MANUFACTURING COMPANY

Name: Douglas B. Little

Assistant Chief Intellectual Its:

Property Counsel

Subscribed and sworn to before me this

day of December, 1999

Notary Public

SHARON L. ANDREW NOTARY PUBLIC - MINNESOTA RAMSEY COUNTY My Comm. Expires Jan. 31, 2000 ASSIGNEE

Accepted by us:

At St. Paul, Minnesota 55133-3427

this 6 day of December, 1999.

3M INNOVATIVE PROPERTIES

COMPANY

By: Name: Garv/L. Griswold

President and Chief Intellectual Its:

Property Counsel

Subscribed and sworn to before me this

day of December, 1999

Notary Public

MN S. KISTLER LIC - MINNESOTA

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Page 1 of 1

PATENT REEL: 010449 FRAME: 0131

RECORDED: 12/13/1999