	24 - 2002 U.S. DEPARTMENT OF COMMERCE
FORM PTO-1598 O P E REC	T U.S. DEPARTMENT OF COMMERCE Patient and Trademark Office
Tab settings ⇔ ⇒ ⇒ JAN 1 1 2002 15	057038 ▼ ▼ ▼
Tab settings ⇒ ⇒ → 101 To the Honorable Commissioner of Atents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party IRAD	2. Name and address of receiving party(les):
David T. Berquist, Peter M. Eisenberg, Mitchel	Name: 2M Innovative Droporties
B. Grunes, Daniel K. McIntyre, Diane E. Morel,	Company
Robert J. Schilling and Paul A. Sevcik	Internal Address:
MRD 1-14-02	
Additional name(s) of conveying party(ies) attached? 🖸 Yes 🚨 No	
3. Nature of conveyance:	
XXI Assignment	Street Address: P.O. Box 33427
☐ Security Agreement ☐ Change of Name	55133-
Other	City: St. Paul State: MN ZIP: 3427
October 26, 24, November 1, October 26, 26,	
Execution Date: November 2 and October 26, all 2	01 Additional name(s) & address(es) attached? 🗖 Yes 🔻 🖾 No
4. Application number(s) or patent number(s):	
	and the state of t
If this document is being filed together with a new application, the	he execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/876,432, filed June 7, 2001	
A J.P. and acceptance and the second	
Apolitional numbers atta	ached? ☐ Yes ☑ No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed: Name: Peter L. Olson	
Name: Feter L. Orson	
Internal Address:	7. Total fee (37 CFR 3.41):\$ 40.00
	☐ Enclosed
Office of Intellectual Street Address: Property Counsel	
Street Address: Property Counsel 3M Innovative Properties Company	8. Deposit account number:
P.O. Box 33427	13-3723
55133- City: St. Paul State: <u>MN</u> ZIP: 3427	(Attach duplicate copy of this page if paying by deposit account)
- 11/	THIS SPACE
FC:581 40.00 CH	
6.361 40.00 EB	
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing infor	mation is true and correct and any attached copy is a true copy
of the original document.	
Peter L. Olson	November 5, 2001
Name of Person Signing	Signature Date 4
	Total number of pages doing lung cover sheet:
	REEL: 012485 FRAME: 0657

ASSIGNMENT

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

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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. 09/876,432, filed June 7, 2001;

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.

David T. Berquist

Residence: St. Paul, Minnesota, USA Citizenship: United States of Amercia

STATE OF MINNESOTA) s

COUNTY OF RAMSEY

On this ______ day of October, 2001, before me personally appeared the above-named David T. Berquist, 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.

NOTAH LUBE JAN. 31, 2005

My Comm. Expires Jan. 31, 2005

JUDY L HANSEN

NOTARY PUBLIC MINNESOTA

My Comm. Expires Jan. 31, 2005

Judy L. Hansen Notary Public

PATENT_{m-i/061198}

REEL: 012485 FRAME: 0658

	Peter M. Eisenberg Residence: Minneapolis, Minnesota, U.S.A. Citizenship: United States of America
STATE OF MINNESOTA)	
) ss. COUNTY OF RAMSEY)	
On this da Peter M. Eisenberg, personally kno	ay of October, 2001, before me personally appeared the above-named own by me, and known by me to be the person described in and who, and who acknowledged that said person executed the same as said ay and year aforesaid.
(G. 1)	Gedy Ly Janson Notary Public
(Seal) "IANSEN JUDY "IANSEN NOTARY PUBLIC MINNESOTA Ny Comm. Expires Jan. 31, 2005	Notary Public
My Comm. Expires Jan.	Mischell B. Fruner
	Mitchell B. Grunes Residence: Minneapolis, Minnesota, USA Citizenship: United States of America
STATE OF MINNESOTA)	
On this days the Mitchell B. Grunes, personally kn	ay of October, 2001, before me personally appeared the above-named own by me, and known by me to be the person described in and who
executed the foregoing instrument person's free act and deed, on the da	, and who acknowledged that said person executed the same as said
JUDY L HANSEN SOLARY PUBLIC MINNESOTA My Comm. Expires Jan. 31, 2005	Judy L. Harver
	Daniel K. McIntyre Residence: St. Paul, Minnesota, USA Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)	
On this 36 d Daniel K. McIntyre, personally kr	ay of October, 2001, before me personally appeared the above-named nown by me, and known by me to be the person described in and who t, and who acknowledged that said person executed the same as said ay and year aforesaid.
JUDY L HANSEN NOTABY FUBLIC MINNESOTA My Comm. Expires Jan. 31, 2005	Judy L. Dansen Notary Public

PATENT REEL: 012485 FRAME: 0659

	Residence: Citizenship:	Shoreview, Minne United States of A	·	
STATE OF MINNESOTA)) ss. ** COUNTY OF RAMSEY)		.=		
	ne, and know nowledged th	n by me to be the p		and who executed
JUDI TANHEN NOTARY PUSHED MINNESOTA My Comm. Expires Jan. 31, 2005		Judy L.	Hansen	Notary Public
	Robert J. Sc Residence: Citizenship:	hilling Cass Lake, Minne United States of A		الم
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this (2) (2) (4) (4) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	by me, and d who acknow	001, before me pe known by me to b owledged that said	e the person desc	ribed in and who
JUDY L HANSEN NOTARY PUBLIC MINNESOTA My Comm. Expires Jan. 31, 2005		Judy	L Hans	Notary Public
	Residence:	eik Birchwood, Minn United States of A	•	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY On this 26 day of the foregoing instrument, and who ack act and deed, on the day and year aforest	ne, and knowr nowledged th	by me to be the pe		and who executed
JUDY L HANSEN ADTARY PUBLIC MINNESOTA My Comm. Expires Jan. 31, 2005		Gudy L	, Hansey	Notary Public

Diane E. Morel

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RECORDED: 01/14/2002

PATENT REEL: 012485 FRAME: 0660