

PATENT ASSIGNMEN	···· • • • • • · · · · · · · · · · · ·		
Ta. The Commission CD		COVER SHEET	
To: The Commissioner of Patents		• •	
Please record the attached origina	al document or copy thereof.		
Submission Type: ☐ New		Conveyance Type:	
Resubmission (Non-Recordation):		Assignment	1
Document ID#		Assignment	
Correction of PTO Error: Re	val # Frame #	M Othon Ashiman Bakin F. T.	
New ☐ Resubmission (Non-Recordation): Document ID# ☐ Correction of PTO Error: Reel # Frame # ☐ Corrective Document: Reel # 010294 Frame # 0878 Name of conveying party(ies) Execution Date (Month/Day/Year) Patil, Sanjay L. 10/01/1999		Other: Assignor, Robin E. Wright, to be added to Recordation. October 1, 1999, to be	
Corrective Document. Reel i	# <u>010294</u> Prame # <u>0878</u>		
Name of conveying party(ies)	Execution Date	Name and address of receiving	
Datil Carian I	(Month/Day/Year)		party (1es).
, , , ,	10/01/1999	3M Innovative Properties Con	nnanv
Halverson, Kurt J.	10/01/1999	P.O. Box 33427	припу
Wright, Robin E.	10/01/1999	St. Paul, Minnesota 55133-342	27
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Additional names of conveying	party(ias) attached?		
Additional names of conveying p Yes	No		
Application number or patent	_ 		
This document is being filed		ion on	
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		atent application or patent: <u>U.S. Ser</u>	<u>iai No.</u>
09/410,863 filed October 1, 1			
Patent Cooperation Treaty (PC		umbar has not been assigned:	
Enter PCT application number or	nly if a U.S. Application No	ncerning document should be maile	ad:
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Name: James A. Rogers, Ph		31	
Office of Intellectual Propert			
3M Innovative Properties Co	ompany		
P.O. Box 33427	407		
St. Paul, Minnesota 55133-34	427		
NT L + C 1)		1	
Number of Properties:	Enton the total	number of properties involved	1
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Fee Amount:			
		Properties Listed (37 CFR 3.41)	<u> </u>
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Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231 q:\3mipco forms and samples\assignment recordation cover sheet.doc 4/28/99

PATENT

REEL: 010782 FRAME: 0249

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Docket No. 54933USA3A.002

PATENT 101 √67850 ΓΙΟΝ (COVER SHEET			
To: The Commissioner of Patents and Trademarks:	10-01-99			
Please record the attached original document or copy thereof.				
Submission Type:	Conveyance Type:			
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Resubmission (Non-Recordation):	Assignment view 1			
Document ID#	D 0.1			
Correction of PTO Error: Reel # Frame #	Other:			
Corrective Document: Reel # Frame # Name of conveying party(ies) Execution Date	80 = 1			
Name of conveying party(ies) Execution Date (Month/Day/Year)	Name and address of receiving party(ies):			
Patil, Sanjay L. September 30, 1999				
Halverson, Kurt J. September 30, 1999	3M Innovative Properties Company			
Traiverson, Ruit J. September 30, 1999	P.O. Box 33427			
	St. Paul, Minnesota 55133-3427			
Additional names of conveying party(ies) attached?	2011-01 2			
☐ Yes No	09410863			
Application number or patent number:				
This document is being filed with a new patent application	n on September 30, 1999			
This document is to be recorded against the following patent application or patent:				
Patent Cooperation Treaty (PCT):	approaction of paronic			
Enter PCT application number only if a U.S. Application Num	ber has not been assigned:			
Name and address of party to whom correspondence conc	erning document should be mailed:			
Name: James A. Rogers, Phone Number: 651/736-9631				
Office of Intellectual Property Counsel				
3M Innovative Properties Company				
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St. Paul, Minnesota 55133-3427				
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PATENT

REEL: 010782 FRAME: 0250

ASSIGNMENT

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

ARRAYS WITH MASK LAYERS AND METHODS OF MANUFACTURING SAME

and have contemporaneously executed an application for Letters Patent of the United States of America based thereon:

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.

Sanjay L. Patil

Residence: Woodbury, Minnesota, U.S.A.

Citizenship: India

STATE OF MINNESOTA

COUNTY OF RAMSEY

On this 1st day of October, 1999, before me personally appeared the above-named Sanjay L. Patil, 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)

KATHLEEN M. SANDVIG NOTARY PUBLIC - MINNESOTA WASHINGTON COUNTY

Kathlan M. Sanding Notary Public

d-i/020998

Docket No. 54933USA3A.002

Kurt I Hakaraan

Residence: Lake Elmo, Minnesota, U.S.A.

Citizenship: U.S.A.

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 1st day of October, 1999, before me personally appeared the above-named Kurt J. Halverson, 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)



Kathleen M. Sandry Notary Public

Robiń E. Wright

Residence: St. Paul, Minnesota, U.S.A.

Citizenship: U.S.A.

STATE OF MINNESOTA) ss.

COUNTY OF RAMSEY)

On this 1st day of October, 1999, before me personally appeared the above-named Robin E. Wright, 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)



RECORDED: 05/15/2000

Kathleen M. Sonding Notary Public