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12-15-1999



	Docket No. 5518	32USA5A					
PATENT ASSIGNMENT REC							
To: The Commissioner of Patents and Trad. 101222797							
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Submission Type:	Conveyance Type:	20					
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Name of conveying party(ies) Execution Date	Name and address of vessiving next.	Gasla.					
(Month/Day/Year)	Name and address of receiving party((les):					
Young, Chung I. 11/17/99	2M Importative Dremonties Com-						
Engel, Michael R. 11/17/99	3M Innovative Properties Company						
Tseng, Chi-Ming 11/17/99	P.O. Box 33427						
<i></i>	St. Paul, Minnesota 55133-3427						
Additional names of conveying party(ies) attached?	,						
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Application number or patent number:	an Navambar 17, 1000 44/5	ر کو کو					
This document is being filed with a new patent application		. /					
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Name: Yen Tong-Florczak, Phone Number: (651) 737-1	170						
Office of Intellectual Property Counsel	• • •						
3M Innovative Properties Company							
P.O. Box 33427							
St. Paul, Minnesota 55133-3427							
Number of Properties:	umbay of pyonortics involved						
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Yen Tong-Florczak, Reg. No. 45,163 Printed Name of Attorney Signature Signature	10 November 17, 1999						
	Date						
Pages:							

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ASSIGNMENT

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

IONOMERIC PARTICULATE COMPOSITION

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.

Chung I. Young Residence: Roseville, Minnesota, U.S.A. Citizenship: United States STATE OF MINNESOTA) COUNTY OF RAMSEY

On this // // day of // Nevery 1941, before me personally appeared the above-named Chung I. Young, 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

CHERYLL SCHMITZ NOTARY PUBLIC-MINNESOTA RAMSEY COUNTY My Commission Expires Jan. 31, 2000

Church Silundo Notary Public

3M Office of Intellectual Property Counsel, P.O. Box 33427, St. Paul, Minnesota 55133-3427 U.S.A.

the same as said person's free act and deed, on the day and year aforesaid.

PATENT REEL: 010431 FRAME: 0499

		()) () () () () () ()	Docket No. 55182USA5A
		Druchal W. Fry	11
	$\overline{\mathbf{N}}$	Michael R. Engel	
	R	Residence: Maplewood, Minnesota, U	J.S.A.
	C	Citizenship: United States	
	STATE OF MINNESOTA)		
) ss.		
	COUNTY OF RAMSEY		9 -
	On this day of	f November 19	$\underline{\mathscr{V}_1}$, before me personall
	appeared the above-named Michael R. Er	ngel, personally known by me, and kn	lown by me to be the perso
	described in and who executed the forego		ed that said person execute
	the same as said person's free act and deed	d, on the day and year aforesaid.	
~~~~	CHERYLL. SCHMITZ	Chury B. Show	Notary Public
	NOTARY PUBLIC-MINNESOTA RAMSEY COUNTY My Commission Expires Jan. 31, 2000	<i>,</i>	Notary Fublic
	My Commission Expression	` 10.	
·~~	<b>*************</b>	Chi-Ming Tseng	
	Ō	Chi-Ming Tseng	
	R	Residence: Woodbury, Minnesota, U	.S.A.
	C	Citizenship: Taiwan	
	STATE OF MINNESOTA )		
	) ss.		
	COUNTY OF RAMSEY )		2.5
	On this $17^{11}$ day of	f November 19	before me personall
	appeared the above-named Chi-Ming Tse	eng, personally known by me, and kn	own by me to be the perso
	described in and who executed the forego		ed that said person execute
	the same as said person's free act and dee	d, on the day and year aforesaid.	
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