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Mark F. Schulz	9-29	8-01)	Name: 3M Innovative	e Properties Company			
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1. Name of conveying party(ies):

Mark F. Schulz



2. Name and address of receiving party(ies):

Name: 3M Innovative Properties Company

Internal Address:

Street Address:

City: St. Paul ZIP: 55133 State:

Additional name(s) of conveying party(ies) attached? o Yes X No

- 3. Nature of conveyance:
 - X Assignment
- o Merger
- o Security Agreement
- o Change of Name
- o Other

Execution Date: ___June 9, 2000

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: June 9, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? o Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Glenn M. Seager

Address:

CROMPTON, SEAGER & TUFTE, LLC 331 Second Avenue South, Suite 895 Minneapolis, Minnesota 55401-2246

- 6. Total number of applications and patents involved: _1
- 7. Total fee (37 CFR 3.41). __\$40.00 E

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07/07/2000 DNGUYEN 00000	248 MARK	F.	SCHULZ
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and rect and any attached copy is a true copy of the original document.

Name of Person Signing: Glenn M. Seager Signature

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> **PATENT** REEL: 011151 FRAME: 0462

Docket No.: 1096.1104101

ASSIGNMENT

Whereas I, the below named inventor, with a residence and citizenship as indicated below; have made an invention in

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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, I have individually 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 me 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 me had this assignment and transfer not been made,

I do further agree for myself and my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I 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 I 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 Office of Intellectual Property Counsel, P.O. Box 33427, St. Paul, Minnesota 55133-3427 U.S.A.

d-j/020998

3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Mark F. Schulz
Residence: Lake Elmo, Minnesota, USA
Citizenship: U.S.A.

STATE OF MINNESOTA
) ss.

COUNTY OF RAMSEY
On this day of June, 2000, before me personally appeared the above-named Mark F. Schulz, 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.

SealLISA DAHLINE
Notary Public
Minnesotia
By Constant Episo. do. 31, 2005

Notary Public

CROMPTON | SEAGER | TUFTE | LLC

Patent, Trademark & Copyright Attorneys

331 Second Avenue South, Suite 895 Minneapolis, Minnesota 55401-2246 U.S.A. Phone 612.677.9050 Fax 612.359.9349

September 22, 2000

Mr. Marcus Kirk, Examiner
U.S. Patent and Trademark Office
Assignment Division
Box Assignments
CG-4
1213 Jefferson Davis Highway
Suite 320
Washington, D.C. 20231

RE: Re-Recording of Assignment (Document ID No. 101398847)

U.S. Patent Appln. Serial No.: 09/591,592

In the name of Schulz, M. Our File No.: 1096.1104101

Dear Mr. Kirk:

In response to the Notice of Non-Recordation of Document dated August 25, 2000, enclosed is a new Assignment Recordation Form Cover Sheet-Patents Only reflecting the newly assigned serial number and filing date information for the above-referenced matter. Applicant respectfully requests recordation of this document in due course.

Sincerely

Glenn M. Seager

GMS/lad

Enclosure

CEHTIFICATE OF MAKING

I hereby certify that the correspondence to

and Seption

PATENT REEL: 011151 FRAME: 0465 9/2/00



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

AUGUST 25, 2000

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CROMPTON, SEAGER & TUFTE, LLC GLENN M. SEAGER 331 SECOND AVENUE SOUTH SUITE 895 MINNEAPOLIS, MN 55401-2246



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MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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PATENT REEL: 011151 FRAME: 0466