

05-24-1999

ML 5-10-99



Docket No. 54538USA1A

PATE

ATION COVER SHEET

To the L

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as and Trademarks:

MAY 10

Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Kenneth L. Smith
Gerald M. Benson
James C. Coderre
Cheryl M. Frey
Bruce B. Wilson
Michele A. Craton
Michael P. Daniels
Roger E. Luehrs

2. Name and address of receiving party(ies)

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Additional names of conveying party(ies) attached?

Yes No

3. Nature of conveyance: Assignment

Execution Date(s): April 27, 1999; April 28, 1999;
April 29, 1999; April 30, 1999

09228367

4. Application number or patent number:

This document is being filed with a new patent application on

This document is to be recorded against the following patent application or patent: 09/228, 367.

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

Stephen C. Jensen
Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

6. Total number of applications and patents involved:

1

x \$40.00

\$40.00

7. Total fee (37 CFR 3.41)... \$40.00. Please charge it to Deposit Account No. 13-3723

DO NOT USE THIS SPACE

8. 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.

(05/24/1999 MTHA11 00000048 133723 09228367)

01 FC:581

40.00 CH
Stephen C. Jensen
Printed Name of Attorney

Stephen C. Jensen
Signature

May 4, 1999
Date

Total number of pages including cover sheet, attachments, and document:

5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, DC

PATENT

REEL: 009961 FRAME: 0697

ASSIGNMENT

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

CUBE CORNER CAVITY BASED RETROREFLECTORS WITH TRANSPARENT FILL MATERIAL

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. 09/228,367, filed January 11, 1999;

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.

Kenneth L. Smith

Kenneth L. Smith
Residence: White Bear Lake, Minnesota, U.S.A.
Citizenship: United States of America

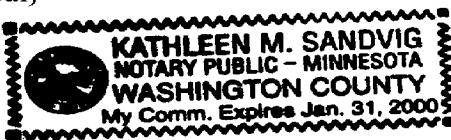
STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 27th day of April 1999, before me personally appeared the above-named Kenneth L. Smith, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

Kathleen M. Sandvig

Notary Public

(Seal)



Gerald M. Benson
Residence: Woodbury, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 28th day of April 1999, before me personally appeared the above-named Gerald M. Benson, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Faye Schneider
Notary Public

James C. Coderre
James C. Coderre
Residence: Lake Elmo, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 29th day of April 1999, before me personally appeared the above-named James C. Coderre, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)

Kathleen M. Sandvig
Notary Public



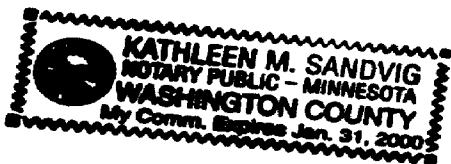
Cheryl M. Frey
Cheryl M. Frey
Residence: White Bear Lake, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 30th day of April 1999 before me personally appeared the above-named Cheryl M. Frey, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)

Kathleen M. Sandvig
Notary Public



Bruce B. Wilson

Bruce B. Wilson
Residence: Woodbury, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 29th day of April 1999, before me personally appeared the above-named Bruce B. Wilson, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)



Kathleen M. Sandvig

Notary Public

Michele A. Craton

Michele A. Craton
Residence: Cottage Grove, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 27th day of April 1999, before me personally appeared the above-named Michele A. Craton, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)



Kathleen M. Sandvig

Notary Public

Michael P. Daniels

Michael P. Daniels
Residence: Inver Grove Heights, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 27th day of April 1999, before me personally appeared the above-named Michael P. Daniels, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Faye Schneider

Notary

Roger E. Luehrs

Roger E. Luehrs
Residence: Arden Hills, Minnesota, U.S.A.
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 29 day of April, 1999, before me personally appeared the above-named Roger E. Luehrs, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)

Becky Lee

Notary

