

08-06-2001

Docket No. 56341US002

BT



To: The Honorable Commissioner
Please record the attached original

101800272

1. Name of conveying party(ies)/(Execution Date)

Pokorny, Richard J. 04-23-2001
Radcliffe, Marc D. 04-02-2001
Watson, Philip E. 04-02-2001
Bowley, Christopher C. 04-02-2001
Ebihara, Ikuko 04-12-2001

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 ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: ☐ If this is a request for correction of a
previously recorded document, a copy of the previously recorded assignment and
previous Notice of Recordation is enclosed.

Additional names of receiving party(ies) attached?

☐ Yes ☒ No
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: 09/791,157
☐ **Patent Cooperation Treaty (PCT):**
Enter PCT application number only if a U.S. Application Number has not been assigned: _____

Additional Numbers Attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Bruce E. Black
Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Phone Number: 651-736-3366

6. Total number of applications and patents involved:1**7. Total fee (37 CFR 3.41)****\$40.00**

☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit Account Number: 13-3723**DO NOT USE THIS SPACE****9. 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. Charges to deposit account are authorized, as indicated herein.

Bruce E. Black
Printed Name of Attorney/Agent
Registration No. 41,622

Signature

Date

Pages: Total number of pages including COVER SHEET, attachments and documents:

4

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents, **Box Assignments**, Washington, DC 20231

(Form PTO-1595 - Modified from PTO's Rev 03/01)
q:\3mipco forms and samples\assignment recordation cover sheet - inventors to company - new.doc 4/26/01

08/06/2001 AMMED1 00000047 133723 09791157

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PATENT
REEL: 012029 FRAME: 0368

ASSIGNMENT

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

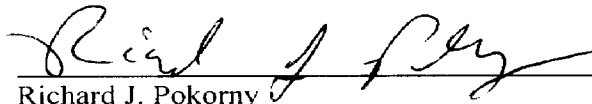
**OPTICAL BODIES CONTAINING CHOLESTERIC LIQUID CRYSTAL MATERIAL AND
METHODS OF MANUFACTURE**

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. 09/791,157, filed February 22, 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,

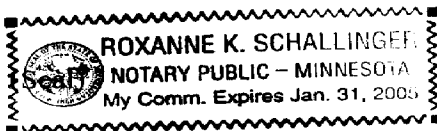
We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said Company, its successors, 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.


Richard J. Pokorny
Residence: Maplewood, MN 55119 USA
Citizenship: US

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 23rd day of April, 2001, before me personally appeared the above-named Richard J. Pokorny, 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.

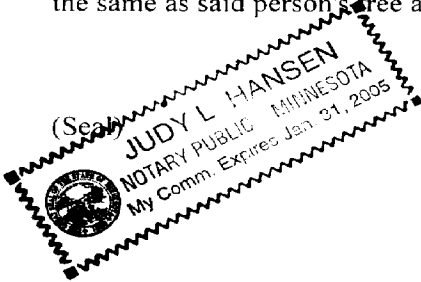



Notary Public

Marc D. Radcliffe
 Marc D. Radcliffe
 Residence: Newport, MN 55055 USA
 Citizenship: US

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 2nd day of April, 2001, before me personally appeared the above-named Marc D. Radcliffe, 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.

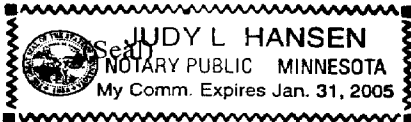


Judy L. Hansen
 Notary Public

Philip E. Watson
 Philip E. Watson
 Residence: Maplewood, MN 55119 USA
 Citizenship: US

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 2nd day of April, 2001, before me personally appeared the above-named Philip E. Watson, 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.

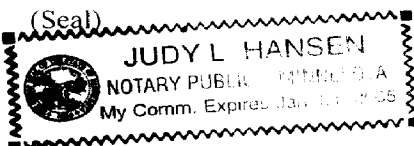


Judy L. Hansen
 Notary Public

Christopher C. Bowley
 Christopher C. Bowley
 Residence: Woodbury, MN 55125 USA
 Citizenship: South Africa

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 2nd day of April, 2001, before me personally appeared the above-named Christopher C. Bowley, 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.



Judy L. Hansen
 Notary Public

Ikuko Ebihara

Ikuko Ebihara

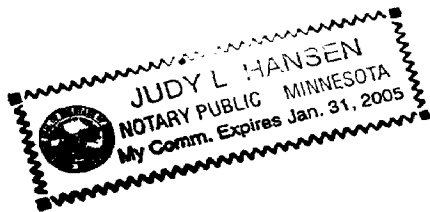
Residence: St. Paul, MN 55119 USA

Citizenship: Japan

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 12th day of April, 2001, before me personally appeared the above-named Ebihara, Ikuko, 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)



Judy L. Hansen
Notary Public