

Case No.: 56702US002

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To: The Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy thereof.

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

Merrill, William Ward	July 29, 2002
Jackson, Jeffery N.	July 31, 2002
Ruff, Andrew T.	July 31, 2002
Wheatley, John A.	July 31, 2002
Krueger, Dennis L.	July 19, 2002

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

Additional names of receiving party(ies) attached?

☐ Yes ☒ No**3. Nature of Conveyance:**

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> 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.

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: 10/156347

☐ Enter Patent Cooperation Treaty (PCT) application number only if a USSN 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.

Printed Name of

Attorney/Agent: Bruce E. Black

Registration No.: 41,622

Signature

Date

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

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

Docket No. 56702US002

ASSIGNMENT

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

PROCESS AND APPARATUS FOR MAKING TRANSVERSELY DRAWN FILMS WITH SUBSTANTIALLY UNIAXIAL CHARACTER

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. 10/156,347, filed May 28, 2002;

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 3M 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 3M 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.

William Ward Merrill

William Ward Merrill

Residence: White Bear Lake, Minnesota, U.S.A.

Citizenship: United States of America

STATE OF MINNESOTA)
COUNTY OF RAMSEY) ss.

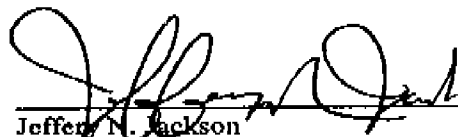
On this 29th day of July, 2002, before me personally appeared the above-named William Ward Merrill, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.



Susan M. Wash

Notary Public

PATENT
REEL: 012943 FRAME: 0430



Docket No. 56702US002

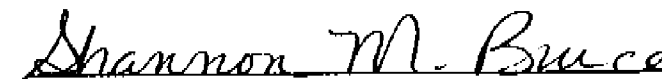
Jeffery N. Jackson

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

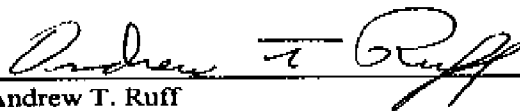
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 31st day of July, 2002, before me personally appeared the above-named Jeffery N. Jackson, 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



Andrew T. Ruff

Residence: Mendota Heights, Minnesota, U.S.A.

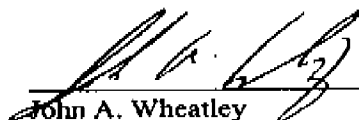
Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 31st day of July, 2002, before me personally appeared the above-named Andrew T. Ruff, 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



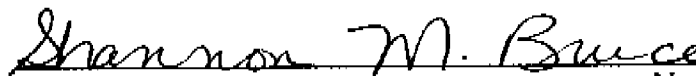
John A. Wheatley

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

Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 31st day of July, 2002, before me personally appeared the above-named John A. Wheatley, 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

Docket No. 56702US002

Dennis L. Krueger
 Dennis L. Krueger
 Residence: Hudson, WI 54016
 Citizenship: United States of America

STATE OF WISCONSIN)
) ss.
 COUNTY OF ST. CROIX)

On this 19 day of July, before me personally appeared the above-named Dennis L. Krueger, 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.

Sandi Hager
 Notary Public

