

05-04-2001



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89USA5A.002

CORR
4.17.01**PATENT ASSIGNMENT RECORDATION COVER SHEET**

To: The Commissioner for Patents

Please record the attached original document or copy thereof.

Submission Type:

- ☐ New
- ☐ Resubmission (Non-Recordation):
Document ID#
- ☐ Correction of PTO Error: Reel # _____ Frame #
- ☒ Corrective Document: Reel # 011405 Frame # 0313

Conveyance Type:

- ☐ Assignment
- ☒ Other: Re-record to correct document to be recorded against the following patent application 09/662,845

Name of conveying party(ies)**Execution Date**
(Month/Day/Year)

Manoj Nirmal 12/4/00

Ha T. Le 11/28/00

Martin B. Wolk 12/5/00

Erika Bellmann 11/29/00

Fred McCormick 12/6/00

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
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: 09/662,845

Patent Cooperation Treaty (PCT):Enter PCT application number only if a U.S. Application Number has not been assigned:**Name and address of party to whom correspondence concerning document should be mailed:**

Robert J. Pechman, Phone Number: 651/737-0631
 Office of Intellectual Property Counsel
 3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

Number of Properties:

Enter the total number of properties involved

1

Fee Amount:

Fee Amount for Properties Listed (37 CFR 3.41)

X \$40.00

Method of Payment:

☒ Charge to Deposit Account No. 13-3723

Authorization to charge additional fees: ☒ Yes ☐ No

= \$40.00

DO NOT USE THIS SPACE**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.

Robert J. Pechman

Printed Name of Attorney

Signature

April 6, 2001

Date

Pages:

Total number of pages of the attached conveyance document including any attachments

3

Mail documents to be recorded with required cover sheet information to:

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PATENT
REEL: 011745 FRAME: 0719

01-11-2001



104579777

Docket No. 55989USA5A.002

PATENT ASSIGNMENT RECORDATION COVER SHEET

To: The Commissioner for Patents

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- ☒ This document is to be recorded against the following patent application or patent: 09/662,980

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Statement and signature

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Robert J. Pechman

Printed Name of Attorney

Signature

December 6, 2000

Date

Pages:

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PATENT
 REEL: 011745 FRAME: 0720

ASSIGNMENT

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

ELECTRONICALLY ACTIVE PRIMER LAYERS FOR THERMAL PATTERNING OF MATERIALS FOR ELECTRONIC DEVICES

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;

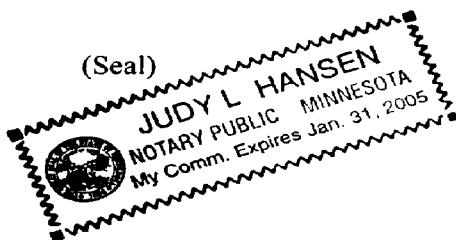
And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Manoj Nirmal

Manoj Nirmal
Residence: St. Paul, MN USA
Citizenship: USA

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 4th day of December, 2002, before me personally appeared the above-named Manoj Nirmal, 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.



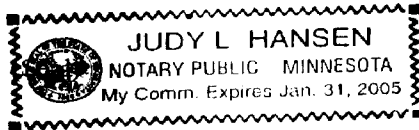
Judy L. Hansen

Notary Public

H. T. Le
 Ha T. Le
 Residence: St. Paul, MN USA
 Citizenship: USA

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 28th day of November, 2000, before me personally appeared the above-named Ha T. Le, 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.

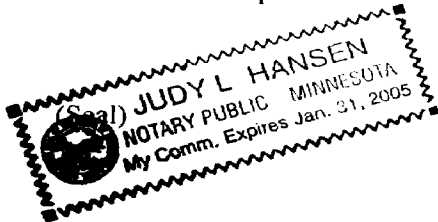


Judy L. Hansen
 Notary Public

Martin B. Wolk
 Martin B. Wolk
 Residence: Woodbury, MN USA
 Citizenship: USA

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 5th day of December, 2000, before me personally appeared the above-named Martin B. Wolk, 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.

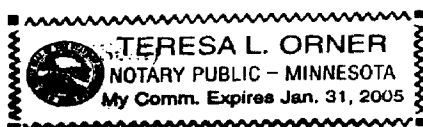


Judy L. Hansen
 Notary Public

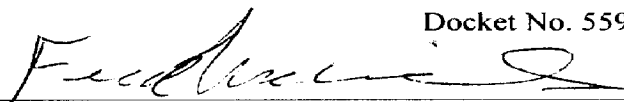
Erika Bellmann
 Erika Bellmann
 Residence: St. Paul, MN USA
 Citizenship: Germany

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 27th day of November, 2000, before me personally appeared the above-named Erika Bellmann, 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.



Teresa L. Orner
 Notary Public



Fred McCormick

Residence: Maplewood, MN USA

Citizenship: USA

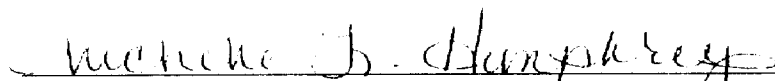
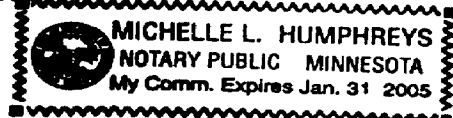
STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 16 day of December 2000 before me personally appeared the above-named Fred McCormick, 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)



Notary Public