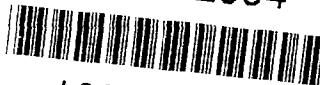


06-29-2004



102779495

Case No.: 59872US002

1702 U.S. PT
10/871486

061804

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)

KEIPERT, Steven J. June 18, 2004
THURBER, Ernest L. June 18, 2004
KINCAID, Don H. June 18, 2004
PROVOW, Ronald D. June 18, 2004

6-18-04

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

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

Additional names of receiving party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

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

10871486

If this document is being filed together with a new application, the execution date of the application is : June 18, 2004

A. Patent Application No(s).

B. Patent No(s).

Additional Numbers Attached? ☐ Yes ☐ No

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

Name: Bradford B. Wright
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: (651) 736-4172

32692

Customer Number

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

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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:

Bradford B. Wright

Registration No.: 34,459

Signature

Bradford B. Wright

Date

June 18, 2004

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

3

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

Mail Stop Assignment Recordation Services

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06/28/2004 REGISTRATION 00000186 133723 10871486

01 FC:8021

40.00 DA

PATENT
REEL: 015497 FRAME: 0338

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

COATED ABRASIVE ARTICLE WITH COMPOSITE TIE LAYER, AND METHOD OF MAKING AND USING THE SAME
--

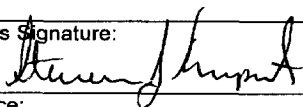

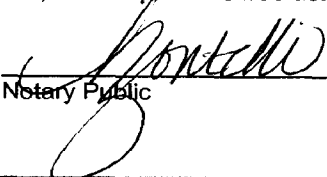
- ☒ for which an application for a United States Patent is being filed contemporaneously herewith;
☐ for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;
☐ which application is identified as PCT International Patent Application No. filed ;


Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have 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 me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), 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/us had this assignment and transfer not been made;


I/We do further agree for myself/ourselves and for my/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 I/we lawfully may, that may be deemed necessary by 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

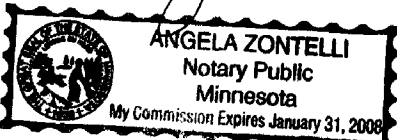
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Steven J.		Family Name or Surname: KEIPERT	
Inventor's Signature: 		Date: June 18, 2004	
Residence: Somerset, Wisconsin		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>18th</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Steven J. KEIPERT, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			 Notary Public

Given Name (first and middle [if any]): Ernest L.		Family Name or Surname: THURBER	
Inventor's Signature: <i>Ernest L. Thurber</i>		Date: June 18, 2004	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>18th</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Ernest L. THURBER, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			Notary Public <i>Angela Zontelli</i>

Given Name (first and middle [if any]): Don H.		Family Name or Surname: KINCAID	
Inventor's Signature: <i>Don H. Kincaid</i>		Date: June 18, 2004	
Residence: Hudson, Wisconsin		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>18th</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Don H. KINCAID, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			Notary Public <i>Angela Zontelli</i>

Given Name (first and middle [if any]): Ronald D.		Family Name or Surname: PROVOW	
Inventor's Signature: <i>Ronald D. Provow</i>		Date: 18 June '04	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>18th</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Ronald D. PROVOW, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			Notary Public <i>Angela Zontelli</i>