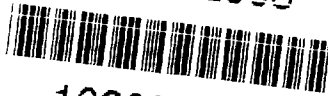


01-06-2003



102328479

PATENT

Case No.: 58296US002

R SHEET

Y

12-19-02

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)

John S. Kelly

December 17, 2002

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.

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

4. Application number or patent number:

☒ This document is being filed with a new patent application on: December 19, 2002☐ This document is to be recorded against the following patent application or patent:☐ Enter Patent Cooperation Treaty (PCT) application number only if a USSN has not been assigned:Additional Numbers Attached? ☐ Yes ☐ No

10324655

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

Name: James D. Christoff
Office of Intellectual Property Counsel
3M Innovative Properties Company
Phone Number: 651-733-1512



32692

PATENT TRADEMARK OFFICE

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: James D. Christoff

Registration No.: 31,492

Signature

December 19, 2002

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

CPI 100 Assign Record Cover - New Appln (3/06/02)

01/03/2003 LMUELLER 00000104 133723 10324655

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PATENT
REEL: 13618 FRAME: 0270

ASSIGNMENT

Whereas I, the below named inventor, with residence and citizenship as indicated below; have made an invention in

ORTHODONTIC APPLIANCE WITH PLACEMENT ENHANCEMENT STRUCTURE

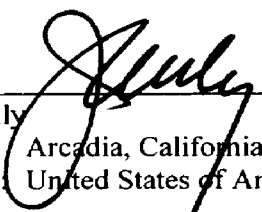
and have contemporaneously executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I 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 by 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 had this assignment and transfer not been made,

I do further agree for myself and for my 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 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 I 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.

In witness whereof, I have hereunto signed my name on the day and year set forth below.



 John S. Kelly
 Residence: Arcadia, California USA
 Citizenship: United States of America

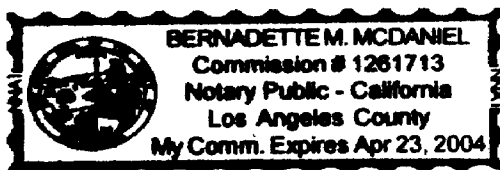
STATE OF CALIFORNIA)

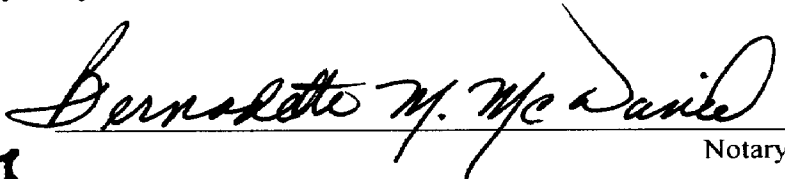
) ss.

COUNTY OF LOS ANGELES)

On this 17th day of December, 2002, before me personally appeared the above-named John S. Kelly, 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