

11-03-1999



Docket No. 54880USA6A

PATENT ASSIGNMENT RECORDATION COVER SHEET

To: The Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

Submission Type:

- ☒ New
☐ Resubmission (Non-Recordation):
 Document ID#
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Conveyance Type:

- ☒ Assignment
☐ Other:

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

Matthew C. Trom
 Byron Ciping Shen
 John W. Dubbe

October 27, 1999
 October 27, 1999
 October 27, 1999

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 October 27, 1999
☐ This document is to be recorded against the following patent application or patent:

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:**

Name: James D. Christoff, Phone Number: 651/733-1512
 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

11/02/1999 JSHABAZZ 00000106 133723 09427901

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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.

James D. Christoff
 Printed Name of Attorney

James D. Christoff
 Signature

October 27, 1999
 Date

Pages:

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

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

Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

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PATENT
 REEL: 010348 FRAME: 0132

ASSIGNMENT

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

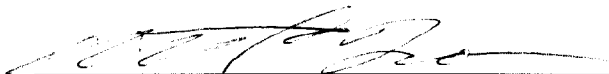
DENTAL MATRIX CLAMP FOR TOOTH RESTORATION PROCEDURES

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.



Matthew C. Trom

Residence: Cottage Grove, Minnesota USA

Citizenship: United States of America

STATE OF MINNESOTA)

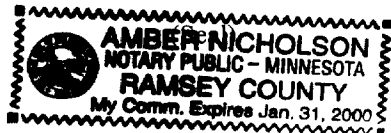
) ss.

COUNTY OF RAMSEY)

On this 27th day of October 1999, before me personally appeared the above-named Matthew C. Trom, 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.



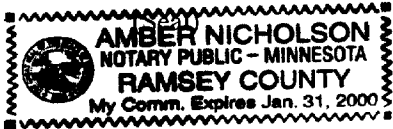
Notary Public



Byron Ciping Shen
 Byron Ciping Shen
 Residence: Woodbury, Minnesota USA
 Citizenship: China

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 27th day of October 1999, before me personally appeared the above-named Byron C. Shen, 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.

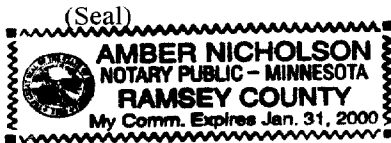


Amber Nicholson
 Notary Public

John W. Dubbe
 John W. Dubbe
 Residence: Oakdale, Minnesota USA
 Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 27th day of October 1999, before me personally appeared the above-named John W. Dubbe, 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.



Amber Nicholson
 Notary Public