

08-20-2003



Docket No.: 58435US002

102529302

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)

8-18-03

Anderson, Mark T. August 15, 2003  
Budd, Kenton D. August 15, 2003  
Rosenflanz, Anatoly Z. August 15, 2003  
Schardt, Craig R. August 15, 2003

## 2. 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:

☒ 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.

## 4. Application number or patent number:

☐ This document is being filed contemporaneously with a new patent application.  
☒ This document is to be recorded against the following patent application or patent: 10/425,039  
☐ 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: Scott A. Bardell  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Phone Number: (651) 736-6935



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:

Scott A. Bardell

Registration No.: 39,594

Signature

Date

15 August, 2003

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

Director of the United States Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

08/19/2003 ECDOPER 00000061 133723 10425039

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40.00 DA

PATENT  
REEL: 014388 FRAME: 0580

**ASSIGNMENT OF APPLICATION**

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

<b>USE OF GLASSES CONTAINING RARE EARTH OXIDE, ALUMINA, AND ZIRCONIA AND DOPANT IN OPTICAL WAVEGUIDES</b>
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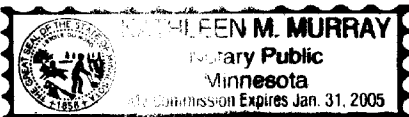
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;  
☒ for which an application for a United States Patent identified as U.S. Patent Application No. 10/425,039; was filed on April 28, 2003;  
☐ which application is identified as PCT International Patent Application No. filed ;

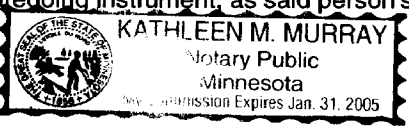
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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 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/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

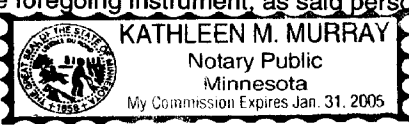
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

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]): <b>Mark T.</b>		Family Name or Surname: <b>ANDERSON</b>	
Inventor's Signature: <i>Mark T. Anderson</i>		Date: <i>8-15-03</i>	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA    ) ) ss. COUNTY OF RAMSEY    )			
On this <u>15<sup>th</sup></u> day of August, 2003, before me personally appeared the above-named Mark T. ANDERSON, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			
	<i>Kathleen M. Murray</i> Notary Public		

Given Name (first and middle [if any]): <b>Kenton D.</b>		Family Name or Surname: <b>BUDD</b>	
Inventor's Signature: <i>Kenton D. Budd</i>		Date: <i>8/15/03</i>	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) ) On this <u>15<sup>th</sup></u> day of August, 2003, before me personally appeared the above-named Kenton D. BUDD, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Kathleen M. Murray</i> Notary Public			

Given Name (first and middle [if any]): <b>Anatoly Z.</b>		Family Name or Surname: <b>ROSENFLANZ</b>	
Inventor's Signature: <i>Anatoly Z. Rosenflanz</i>		Date: <i>8-15-03</i>	
Residence: Maplewood, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) ) On this <u>15<sup>th</sup></u> day of August, 2003, before me personally appeared the above-named Anatoly Z. ROSENFLANZ, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Kathleen M. Murray</i> Notary Public			

Given Name (first and middle [if any]): <b>Craig R.</b>		Family Name or Surname: <b>SCHARDT</b>	
Inventor's Signature: <i>Craig Schardt</i>		Date: <i>8-15-03</i>	
Residence: St. Paul, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) ) On this <u>15<sup>th</sup></u> day of August, 2003, before me personally appeared the above-named Craig R. SCHARDT, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Kathleen M. Murray</i> Notary Public			