Case No.: 62902US005					
RECORDATION FORM COVER SHEET PATENTS ONLY					
To: The Director of the U.S. Patent and Tra	ademark Office:				
Please record the attached document(s) or the new address(es) below.					
1. Name of conveying party(ies)	Execution Date(s):	2. Name and address of receiving party(ies):			
Pepin, Ronald P.	May 23, 2008	3M Innovative Properties Company			
Bylander, James R.	May 21, 2008	P.O. Box 33427 St. Paul, Minnesota 55133-3427			
Wendell, Paul M.	May 31, 2008	Ot. 1 adi, Milliosota 30100-0427			
Additional name(s) of conveying party(ies) att ☐ Yes ☒ No	Additional name(s) of receiving party(ies) attached?				
	ger ge of Name rnment Interest Assignmer				
4. Application or patent number(s)	☐ This docume	ent is being filed together with a new application.			
	1				
A. Patent Application No(s). B. Pa		Patent No(s).			
12/057824					
Additional Numbers Attached? Yes No					
5. Name and address to whom correspond concerning document should be mailed	J	6. Total number of applications			
concerning accument anoma ac maner	" and	and patents involved:			
Name: Gregg H. Rosenblatt Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 512-984-7443					
		. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00			
Fax Number: 651-736-3833		Enclosed			
32692		Authorized to be charged to deposit account ment Information:			
				Oustone: Number	Der
	,	horized User Name: Gregg H. Rosenblatt			
9. Signature: Printed Name of Attorney/Agent:					
Gregg H. Rosenblatt By		Dark June 4, 2008			
Registration No.: 45,056 Significant Pages: Total number of pages including CO	nature / VER SHEET, attachments				

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mall Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 021049 FRAME: 0393

Case No.: 62902US005

ASSIGNMENT OF APPLICATION

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

REMOTE GRIP OPTICAL FIBER CONNECTOR			
☐ for which an application for a United States Patent is being filed contemporaneously herewith;			
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

Assignment Page 1 of 2 Case No.: 62902US005

PATENT REEL: 021049 FRAME: 0394 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]): RONALD P.	PEPIN			
Inventor's Signature: Combined September 1997 Residence: Georgetown, Texas	Date: May 23 , 2008			
above-named RONALD P. PEPIN, and who executed the deed, on the day and year aforesaid.	, <u>2008</u> , before me personally appeared the foregoing instrument, as said person's free act and Lever J. C. Weiner Notary Public			
Given Name (first and middle [if any]): JAMES R.	Family Name or Surname: BYLANDER			
Inventor's Signatura Enlander	Date: 5 / Z1 / 0 8 Country: Citizenship:			
Residence: Justin, Texas	Country: Citizenship: USA United States of America			
STATE OF TEXAS) ss. COUNTY OF TRAVIS On this				

Case No.: 62902US005

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in				
REMOTE GRIP OPTICAL FIBER CONNECTOR				
for which an application for a United States Patent is being filed contemporaneously herewith;				
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 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

Assignment Page 1 of 2 Case No.: 62902US005

PATENT REEL: 021049 FRAME: 0396 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.

PAUL M.	Family Name or WENDELL	Family Name or Sumame: WENDELL		
Inventor's Signature:	Date: - プラ ろ / -	-ar		
Residence: Z	Country:	Citizenship:		
Grand Canyon, Arizona	USA	United States of America		
STATE OF NEW JERSEY)) ss. COUNTY OF Moms) On this 3/ day of May above-named PAUL M. WENDELL, and who exert deed, on the day and year aforesaid. (Seal)	2008' ecuted the foregoing instru Notary Public	before me personally appeared the ament as said persons free act and BARBARA J. SANCHEZ NOTARY PUBLIC OF NEW JERSEY		
		Commission Pynises 3/2/2010		

Assignment Page 2 of 2 Case No.: 62902US005