Case No.: 61264US002 RECORDATION FORM COVER SHEET PATENTS ONLY To: The Director of the U.S. Patent and Trademark 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): 3M Innovative Properties Company Bredl, John F. February 17, 2006 P.O. Box 33427 Smythe, Craig R. February 17, 2006 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached? Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No ☐ Yes ☒ No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: 4. Application or patent number(s) ☐ This document is being filed together with a new application. A. Patent Application No(s). B. Patent No(s). 11/280,137 Additional Numbers Attached? 

Yes 

No 5. Name and address to whom correspondence 6. Total number of applications concerning document should be mailed: 1 and patents involved: Name: Scott A. Bardell Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-736-6935 7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00 Fax Number: 651-736-3833 Enclosed Authorized to be charged to deposit account 32692 8. Payment Information: Customer Number Deposit Account Number: 13-3723 Authorized User Name: Scott A. Bardell

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

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

**PATENT** 

9. Signature:

Scott A. Bardell

Registration No.: 39,594

Printed Name of Attorney/Agent:

Case No.: 61264US002

## **ASSIGNMENT OF APPLICATION**

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

 TAPE MONITORING SYSTEM
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. 11/280,137; was filed on
November 15, 2005; 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]):  John F,	Family Name or Surname: BredI			
Inventor's Signature T. Burk	Date: 2/17/00			
Residence/ Hudson, Wisconsin	Country: USA	Citizenship: United States of America		
STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this // County of February, 2006, before me personally appeared the above-named John F. Bredl, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  KATHLEEN M MURRAY Notary Public  Minnesota My Commission Expires January 31, 2010				

Assignment

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PATENT

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Given Name (first and middle [if any]):	Family Name or Surname:				
Craig R.	Smythe				
		/			
Inventor's Signature:	Date:				
1/1 and XWIII	4/17/	0.0			
Residence: // // //	Country:	Citizenship:			
Lino Lakes, Minnesota / /	USA	United States of America			
STATE OF MINNESOTA )					
) ss.					
COUNTY OF RAMSEY )		•			
On this 1770 day of February 2006, before me personally appeared the above named Craig P. Smythe, and who					
everyled the foregoing instrument or each new personally appeared the above-halfed Gray R. Sirry Inc., and with					
executed the foregoing instrument, as said person's free act and deed, of the day and year aroresaid.					
(Seal)	Frathleen M	Ylvinian			
KAIHLEEN WINGS	Jotany Public	1 igus aug			
	dotary i dollo	Ť			
On this //O day of February, 2006, before me personally appeared the above-named Craig R. Smythe, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  KATHLEEN M MURRAY Notary Public Minnesote My Commission Expires January 31, 2010					

Assignment

RECORDED: 02/17/2006

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PATENT REEL: 017270 FRAME: 0330