

Case No.: 56363US002

**RECORDATION FORM COVER SHEET  
PATENTS ONLY****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)**

Mulligan, Roger C. March 5, 2003  
Badaye, Massoud March 6, 2003  
Wong, Alex K. March 17, 2003  
Lim, Brian G. March 10, 2003

Additional names of conveying party(ies) attached?

☐ Yes ☒ No**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**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: **10/324,728**  
☐ 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: Robert J. Pechman  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Phone Number: (651) 737-0631

**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: Robert J. Pechman  
Registration No.: 45,002

Signature

March 24, 2003

Date

**Pages:** Total number of pages including COVER SHEET, attachments and documents**3**

Mail documents to be recorded with required cover sheet information to:  
Commissioner for Patents, Box Assignments, Washington, DC 20231

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**ASSIGNMENT OF APPLICATION**

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

**LATTICE TOUCH-SENSING SYSTEM**

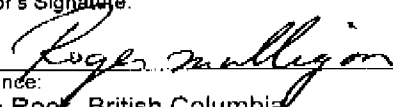
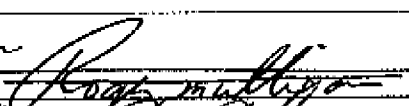
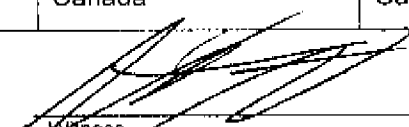
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;  
☒ for which an application for a United States Patent identified as U.S. Patent Application No. 10/324728; was filed on December 19, 2002;  
☐ which application is identified as PCT International Patent Application No. filed ;


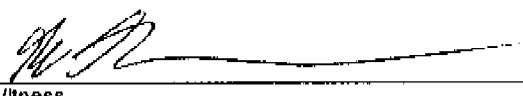
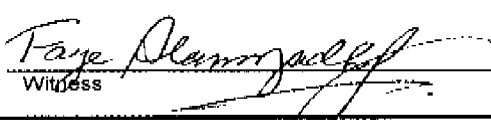
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office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



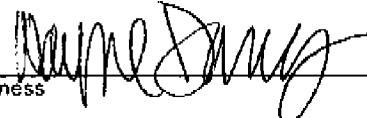
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, 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


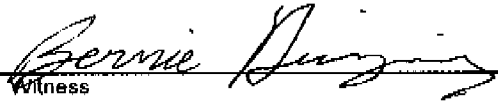
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

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)): Roger C.		Family Name or Surname: Mulligan	
Inventor's Signature: 		Date: Mar 5/03	
Residence: White Rock, British Columbia		Country: Canada	Citizenship: Canadian
Witness: 		Witness: 	

Given Name (first and middle [if any]): Massoud		Family Name or Surname: Badaye	
Inventor's Signature: 		Date: March 6, 03	
Residence: Vancouver, British Columbia		Country: Canada	Citizenship: Canadian
Witness 		Witness 	

Given Name (first and middle [if any]): Alex K.		Family Name or Surname: Wong	
Inventor's Signature: 		Date: 2003-3-17	
Residence: Vancouver, British Columbia		Country: Canada	Citizenship: Canadian
Witness 		Witness 	

Given Name (first and middle [if any]): Brian G.		Family Name or Surname: Lim	
Inventor's Signature: 		Date: 2003 March 10	
Residence: Vancouver, British Columbia		Country: Canada	Citizenship: Canadian
Witness 		Witness 