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1. Name of conveying party(ies)/(Execution Date	) "	Name and address of	
Jerry B. Roberts July 2, 2002		Name and address of receiving party(ies); 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427	
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     revious Notice of Recordation is enclosed.		Additional names of receiving party(ies) attached?	
4. Application number or patent number:	— -, <b>.</b>		v
<ul> <li>This document is being filed with a new patent application</li> <li>This document is to be recorded against the following patent Cooperation Treaty (PCT):</li> <li>Enter PCT application number <u>only</u> if a U.S. Application</li> </ul>	tent application		
Additional Numbers			
Additional Numbers At 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 P.O. Box 33427		Yes No I number of applications patents involved:	1
St. Paul, Minnesota 55133-3427			
	7. Tota	fee (37 CFR 3.41)	\$ <u>40.00</u>
Phone Number: 651-737-0631		Enclosed Authorized to be charged to	deposit account
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bert J. Pechman ted Name of Attorney/Agent istration No. 45,002	Part	<u>July 9, 2002</u> Date	······································
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Commissioner for Patents, Box Assi PTO-1595 Modified from PTO's Rev 03/01)	gnments, Wa:	hungton, DC 20231	
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Docket No. 57468US002

## ASSIGNMENT

Whereas I, the below named inventor, with residence and citizenship as indicated below; have made an invention in

## FORCE SENSORS AND TOUCH PANELS USING SAME

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified as U.S. Patent Application Serial No. 10/121,507, filed April 12, 2002; and PCT International Patent Application bearing Attorney Docket Number 57468WO003;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer

I do further agree for myself and for my 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 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 I 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 assignce of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed my name on the day and year set forth below.

7/2/02 Roberts

Résidence: Arlington, MA/USA Citizenship: United States of America

Date

PATENT 3M Office of Intellectual Property Councer 18002 33427, St. Paul, Minnesota 55133-3427 U.SREEL: 012863mF RAME: 0117