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Yuji Hiroshige	7/7/99	3M Innovative Properties Company
Kohichiro Kawate	7/6/99	P.O. Box 33427
		St. Paul, Minnesota 55133-3427
 This document is being filed with This document is to be recorded Patent Cooperation Treaty (PCT): Enter PCT application number only in Name and address of party to who Name: Lisa M. McGeehan, Photo Office of Intellectual Property C 3M Innovative Properties Compare P.O. Box 33427 St. Paul, Minnesota 55133-3427 Number of Properties: 	against the following pat if a U.S. Application Nun m correspondence conc one Number: (651) 733-9 ounsel any	ent application or patent: uber has <u>not</u> been assigned: erning document should be mailed:
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PATENT REEL: 010177 FRAME: 0190

ASSIGNMENT

Whereas We, the below named inventors, with residences and citizenships as indicated below; have made an invention in

Adhesive Composition and Precursor Thereof

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified as PCT International Patent Application Serial No. PCT/US99/05017 filed March 8, 1999, bearing Attorney Docket Number 54077PCT7A;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly owned subsidiary of MINNESOTA MINING AND MANUFACTURING 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by Minnesota Mining and Manufacturing Company and any of its existing or future subsidiaries of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made,

We do further agree for ourselves and for 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 we 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 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 the said 3M Innovative Properties Company, as the assignce of the entire right, title, and interest therein.

Chhi Kash Witness Toshihiro Kasai

Keng ? Omme "itness Kengo Imamura

Tahhn Jurshi Witness Toshihiro Kasai

Kong Imamura

Yuji Hiroshige July 7'99 Yuji Hiroshige Date

Residence: Tokyo, Japan Citizenship: Japan

Kohichir. Kawate 199 Joly 6 Kohichiro Kawate Date

Residence: Tokyo, Japan Citizenship: Japan