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(Month/Day/Year)		Name and address of	of receiving party(ies):
Charles L. Bruzzone	July 13, 1999	3M Innovative Prop	erties Company
David J. W. Aastuen	July 14, 1999	P.O. Box 33427	
Roger J. Strharsky	July 14, 1999	St. Paul, Minnesota	55133-3427
Stephen K. Eckhardt	July 14, 1999		
Michael F. Weber	July 21, 1999	İ	
l .			
Gary T. Boyd	July 13, 1999		
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Additional names of conveying party(ies) attached?			
☐ Yes ☐ No			
Application number or patent number:			
This document is being filed with a new patent application on			
This document is to be recorded against the following patent application or patent: 09/312,917			
Patent Cooperation Treaty (PCT):			
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Name: Néstor F. Ho, Phone Number: 512-984-7443			
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## **ASSIGNMENT**

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

## REFLECTIVE LCD PROJECTION SYSTEM USING WIDE-ANGLE CARTESIAN POLARIZING BEAM SPLITTER

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified in the United States Patent and Trademark Office as U.S. Application Serial No. 09/312,917, filed May 17, 1999;

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 assignee of the entire right, title, and interest therein.

Charles L. Bruzzone

Residence: Woodbury, Minnesota U.S.A.

Citizenship: U.S.A.

STATE OF MINNESOTA )

) ss.

**COUNTY OF RAMSEY** 

On this 3 day of 19/7, before me personally appeared the above-named Charles L. Bruzzone, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.

(Seal)

Notary Public

KIMBERLY M. WALIGOSKI NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2000

person described in and who executed the foregoing instrument, and who acknowledged that said person

executed the same as said person's free act and deed, on the day and year aforesaid.

(Seat)MBERLY M. WALIGOSKI
NOTARY PUBLIC-MINNESOTA
My Commission Expires Jan. 31, 2000

Notary Public

Residence: Shoreview, Minnesota U.S.A. Citizenship: U.S.A. STATE OF MINNESOTA ) **COUNTY OF RAMSEY** 19/1/, before me personally On this \_ day of appeared the above-named Michael F. Weber, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid. Notary Public My Commission Expires Jan. 31, 2000 Gary T. Boyd Residence: Woodbury, Minnesota U.S.A. Citizenship: U.S.A. STATE OF MINNESOTA ) **COUNTY OF RAMSEY** On this 13th day of appeared the above-named Gary T. Boyd, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid. (Seal)