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Manufacturing Company, December 29, 1999	P.O. Box 33427	Jompany			
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> **PATENT REEL: 010531 FRAME: 0021**

ASSIGNMENT

ASSIGNOR:

MINNESOTA MINING AND MANUFACTURING COMPANY

of:

PO Box 33427

St. Paul, Minnesota 55133-3427

United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America does hereby claim and declare that it is the owner of all right, title and interest in and to the following Patent Application(s) or letters Patents(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in United States Patent(s) and /or Patent Application(s):

Patent Application or Patent Number 5,852,148

Filing Date or Issue Date December 22, 1998

Minnesota Mining and Manufacturing Company does hereby, for good and valuable consideration, effective as of April 1, 1999 received, sell, assign and transfer unto:

ASSIGNEE:

3M INNOVATIVE PROPERTIES COMPANY

of:

PO Box 33427

St. Paul, Minnesota 55133-3427

United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America, its entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s) including any division, continuation (in whole or in part) reissue or reexamination thereof, and consent to the recordal of this Assignment.

ASSIGNOR

Subscribed and Sworn:

At St. Paul, Minnesota 55133-3427

this 27 day of Decrember, 1999.

MINNESOTA MINING AND

MANUFACTURING COMPANY

Name: Douglas B. Little

Assistant Chief Intellectual Its:

Property Coursel

Subscribed and sworn to before me this

Notary Public

My Comm. Expires Jan. 31

ASSIGNEE

Accepted:

At St. Paul, Minnesota 55133-3427

day of January, 2000.

3M INNOVATIVE PROPERTIES

COMPANY

By: Cardyny, Satus

Name: Carolyn A. Bates Its:

Assistant Secretary

Subscribed and sworn to before me this

day of January, 2000.

Notary Public

HERYLA. SAVER **DAKOTA COUNT**

Page 1 of 1

PATENT REEL: 010531 FRAME: 0022

RECORDED: 01/12/2000