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ASSIGNMENT

MINNESOTA MINING AND MANUFACTURING COMPANY ASSIGNOR:

> PO Box 33427 of:

> > 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 09/228,459

Filing Date or Issue Date January 11, 1999

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

3M INNOVATIVE PROPERTIES COMPANY ASSIGNEE:

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> > St. Paul, Minnesota 55133-3427

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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 Austin, Texas 78726-9000

this 12th day of the suit

MINNESOTA MINING AND

MANUFACTURING COMPANY

Name: Gerald F. Chernivec Assistant Chief Intellectual Its:

Property Counsel

Subscribed and sworn to before me this

MARILYN SHANAHAN-LODER MY COMMISSION EXPLAES May 11, 2001

\counsel\public\everyone\jacqui\assignment from 3m to 3mipco.doc 6/11/99

ASSIGNEE

Accepted:

At St. Paul, Minnesota 55133-3427

this 17th day of Accust, 1999.

3M INNOVATIVE PROPERTIES **COMPANY**

By: Carelyn U.

Name: Carolyn A. Bates

Assistant Chief Its:

Intellectual Property Counsel

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