03-30-1999

## PATENT A



Docket No. 52858USA5A COVER SHEET

To the Honorable Commissione

100950815

Please record the attached original document or copy thereof.

2. Name and address of receiving party (ie

Yutaka Mori

3-30-98

1. Name of conveying party(ics):

Additional names of conveying party(ies) attached?

Yes No

3. Nature of conveyance: Assignment

Execution Date(s): March 10, 1998

Minnesota Mining and Manufacturing Company P.O. Box 33427

St. Paul, Minnesota 55133-3427

4. 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. 08/989,504

Name and address of party to whom correspondence concerning document

Robert H. Jordan

Minnesota Mining and Manufacturing Company Office of Intellectual Property Counsel

P.O. Box 33427

St. Paul, Minnesota 55133-3427

6. Total number of applications and patents involved:

1

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**PATENT** 

REEL: 9651 FRAME: 0499

Docket No. 52858USA5A

## **ASSIGNMENT**

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

## RETROFLECTIVE SHEET

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. 08/989,504, filed December 12, 1997;

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 MINNESOTA MINING AND MANUFACTURING COMPANY (sometimes designated as the Minnesota Mining & Manufacturing Company), 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 my employment by the said Company or within one year thereafter), 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 not been made,

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 Minnesota Mining and Manufacturing Company, as the assignee 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.

**Wilness** Makoto Sasaki

RECORDED: 03/30/1998

Yutaka Mori

Residence: 323, Tanagashira, Oyama-cho.

Sunto-gun, Shizuoka prof., Japan

Citizenship: Japan

3M Office of Intellectual Property Counsel, P.O. Box 33427, St. Paul, Minnesota 55133-3427 U.S.A.

**REEL: 9651 FRAME: 0500**