

12-07-1999

Docket No. 54503USA4A

12.3.99



PATENT ASSIGNMENT

101217974

HEET

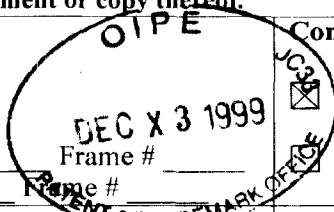
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Name of conveying party(ies)

Executive Director
(Month/Day/Year)

Azizi, Jamshid	11/10/1999
Carls, Joseph C.	11/11/1999
Dohgoshi, Shigeaki	11/02/1999
Kamiyama, Koji	11/02/1999
Lottes, Andrew C.	11/30/1999

Name and address of receiving party(ies):

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

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: 09/407,743

Patent Cooperation Treaty (PCT):

Enter PCT application number only if a U.S. Application Number has not been assigned: _____

Name and address of party to whom correspondence concerning document should be mailed:

Name: Darla P. Fonseca, Phone Number: 512-984-3578
Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Number of Properties:

Enter the total number of properties involved

1

Fee Amount:

Fee Amount for Properties Listed (37 CFR 3.41)

X \$40.00

Method of Payment:

Charge to Deposit Account No. 13-3723
Authorization to charge additional fees: Yes No

\$40.00

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Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Darla P. Fonseca
Printed Name of Attorney

Darla P. Fonseca
Signature

November 30, 1999
Date

Pages:

Total number of pages of the attached conveyance document including any attachments

2

Mail documents to be recorded with required cover sheet information to:
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4:13 mipco forms and samples/assignment recordation cover sheet.doc 4/28/99

12/06/1999 CCL:FLN 00000008 133723 09407743
Sale Ref: 00000022 D001: 133723 09407743
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PATENT
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ASSIGNMENT

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

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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. 09/407,743, filed September 28, 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.

Shigeaki Dohgoshi
Witness

Jamshid Azizi 11/10/99
Date
Residence: Austin, Texas, United States of America
Citizenship: Iran

Shawn Collins
Witness

Karen Arnold
Witness

Joseph C. Carls 11/11/99
Date
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Shawn Collins
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Witness

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Kiyoshi Hojima
Witness

Shozo Asko

Witness

Fyoshi Hujima
Witness

George Langston
Witness

Theresa Collins
Witness

Koji Kamiyama

Koji Kamiyama

199/11/12

Date

Residence: Tama-city, Kanagawa Pref., Japan

Citizenship: Japan

Andrew C. Lottes

Andrew C. Lottes

30 NOV 1999

Date

Residence: Austin, Texas, United States of America

Citizenship: United States