

04-07-2004

Q80766

MODIFIED Form PTO-1595

(Rev. 10/02)



IEET

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

102715628

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mikio ICHINOSE

2. Name and address of receiving party(ies):

MITSUI MINING & SMELTING CO., LTD.  
1-11-1, Osaki, Shinagawa-ku,  
TOKYO 141-8584 JAPAN16018 U.S. PTO  
10/814637Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 11, 2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

101814637

If this document is being filed together with a new application, the execution date of the application is: March 11, 2004

A. Patent Application No.(s)  
Not Yet AssignedB. Patent No.(s)  
UnknownAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed.  
☐ Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Alan J. Kasper / Bruce E. Kramer  
 Alan J. Kasper / Reg. No. 33,725  
 Alan J. Kasper Reg. No. 25,426

April 1, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

04/06/2004 MSETACHE 00000220 10814637

01 FC:8021

40.00 DP

PATENT  
 REEL: 015175 FRAME: 0619

For Non-U.S. Clients

## Assignment

Whereas, I/We, Mikio ICHINOSE of  
c/o NIRASAKI Plant, Mitsui Mining & Smelting CO., LTD., 1200,  
Shimojo-Nishiwari, Okusa-cho Nirasaki-shi, Yamanashi 407-8555 Japan  
 hereinafter called assignor(s), have invented certain improvements in  
SAFETY SLIDING DOOR APPARATUS

and executed an application for Letters Patent of the United States of America therefor on  
March 11, 2004; and

Whereas,

MITSUI MINING & SMELTING CO., LTD.

1-11-1, Osaki, Shinagawa-ku,

TOKYO 141-8584 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Mar. 11, 2004 Mikio Ichinose  
 s/ Mikio ICHINOSE

Date: \_\_\_\_\_  
 s/

Date: \_\_\_\_\_  
 s/

Date: \_\_\_\_\_  
 s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)