

04-29-2004

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Masaaki UMINO  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
MITSUI MINING & SMELTING CO., LTD.  
11-1, Osaki 1-chome, Shinagawa-ku,  
Tokyo 141-8584 Japan  
  
17548 U.S. PTO  
10/828173  
042104

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: March 23, 2004  
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4-21-03

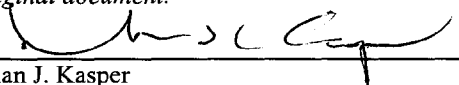
4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: March 23, 2004  
A. Patent Application No.(s)  
Not yet assigned

B. Patent No.(s)  
Not yet assigned  
10828173  
Additional 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  
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Alan J. Kasper  Reg. No. 25,426 April 21, 2004 Date

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PATENT  
REEL: 015260 FRAME: 0331

# Assignment

Whereas, I/We, Masaaki UMINO of  
c/o NIRASAKI Plant, Mitsui Mining & Smelting CO., LTD.  
1200, Shimojo-Nishiwari, Okusa-cho Nirasaki-shi, Ymanashi 407-8555 Japan

hereinafter called assignor(s), have invented certain improvements in  
DOOR LOCK DEVICE

and executed an application for Letters Patent of the United States of America therefor on  
Mar. 23, 2004; and

Whereas, Mitsui Mining & Smelting Co., Ltd.  
11-1, Osaki 1-chome, 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. 23, 2004 Masaaki Umino  
s/ Masaaki UMINO  
Date: \_\_\_\_\_  
s/  
Date: \_\_\_\_\_  
s/  
Date: \_\_\_\_\_  
s/

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