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Fumihiro YONEYAMA
Shintaro MOCHIZUKI

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

2. Name and address of receiving party(ies):
MITSUI MINING & SMELTING CO., LTD.
1-11-1, Osaki,
Shinagawa-ku,
Tokyo 141-8584
Japan

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

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3. Nature of conveyance:
 Assignment Merger
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Execution Date: September 17, 2004

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: September 17, 2004
A. Patent Application No.(s)
Not yet assigned
B. Patent No.(s)
Not yet assigned
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1
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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 Reg. No. 25,426 September 29, 2004 Date

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PATENT
REEL: 015854 FRAME: 0504

For Non-U.S. Clients

Assignment

Whereas, I/We, Fumihiko YONEYAMA and Shintaro MOCHIZUKI 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
APPARATUS FOR OPENING AND CLOSING DOOR

and executed an application for Letters Patent of the United States of America therefor on
Sep. 17, 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: Sep. 17, 2004 Fumihiko Yoneyama
s/ Fumihiko YONEYAMA

Date: Sep. 17, 2004 Shintaro Mochizuki
s/ Shintaro MOCHIZUKI

Date: _____
s/ _____

Date: _____
s/ _____

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