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FR SHEET

10/019058
JCIS Rec'd PCT/PTO 27 DEC 2001
U.S. DEPARTMENT OF COMMERCE
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LY

101980301

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 12-27-01

Kiyotaka YASUDA, Yoshiki
SAKAGUCHI, Shingo KIKUGAWA

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

3. Nature of conveyance:

[X] Assignment [] Merger
[] Change of Name [] Other
[] Security Agreement

Execution Date(s): December 5, 2001

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

Name:
Mitsui Mining & Smelting Com-
pany, Ltd.Street Address:
11-1, Osaki 1-chome, Shinagawa-
ku, Tokyo 141-8584 JAPAN

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

If this document is being filed together with a new application, the execution date(s) of the
application is/are: December 5, 2001

A. Patent Application No(s).

10,019058

B. Patent No(s).

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom corre-
spondence concerning document should
be mailed:Customer No. 000466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 222026. Total number of applications and patents
involved:

1

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

[X] Enclosed
[] Authorized to be charged to
deposit account

8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit
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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.

Isiah Avila
Name of Person Signing
SignatureDecember 27, 2001
Date

Total number of pages including cover sheet: [2]

ASSIGNMENT

WHEREAS, Kiyotaka YASUDA, Yoshiki SAKAGUCHI, Shingo KIKUGAWA

have invented certain new and useful improvements in "HYDROGEN STORAGE MATERIAL AND
PROCESS OF PRODUCING THE SAME"

for which we are about to make application for Letters
(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, Mitsui Mining & Smelting Company, Ltd. of 11-1, Osaki 1-chome,
Shinagawa-ku, TOKYO 141-8584 JAPAN

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

_____ Dollars (\$_____) to _____ us _____ in hand paid, the receipt of which is hereby acknowledged _____ we _____

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
Mitsui Mining & Smelting Company, Ltd.

* the entire _____ right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete (a) specification prepared and executed by _____ us _____ on the 5th day of December, 2001, 19_____,
inapplicable (b) application filed on the _____ day of _____, 19_____, Serial No. _____,
wording

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said Mitsui Mining & Smelting Company, Ltd.

for its own use and behoof, and for its legal representatives, to the full end of the term
for which said Letters Patent are granted, as fully and entirely as the same would have been held by
_____ us _____ had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hand^s and affix _____ seal at

Tokyo, Japan this 5th day of December, 2001, A.D. 19____.

Kiyotaka Yasuda
(Kiyotaka YASUDA)

Yoshiki Sakaguchi
(Inventor's full Signature) (Yoshiki SAKAGUCHI) (SEAL)

Shingo Kikugawa
(Shingo KIKUGAWA) (SEAL)

Witnesses: