

06-18-2001



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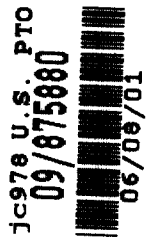
RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Takashi IWAMOTO, Masamitsu MURAI, Yutaka SHIMIZU and Kazuo NOIE
06/08/01
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
JAPAN STEEL WORKS, LTD.
1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo, Japan

Additional name(s) & address(es) attached?
 yes no



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: May 28, 2001

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: May 28, 2001
A. Patent Application No.(s)/Confirmation No.(s)
09/875880
Additional numbers attached? Yes No
B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1
7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.
Darryl Mexic
Darryl Mexic Reg. No. 23,063 June 8, 2001 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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06/18/2001 GTGN11 00000019 09875880

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40.00 DP

Assignment

Whereas, I/We, Takashi Iwamoto, Masamitsu Murai,
Yutaka Shimizu and Kazuo Noie
all of Hokkaido, Japan

X07

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

HYDROGEN STORAGE AND RELEASE APPARATUS

and executed an application for Letters Patent of the United States of America therefor on
May 28, 2001 ; and

Whereas, THE JAPAN STEEL WORKS, LTD.
of 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 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 Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: May 28, 2001 s/ Takashi Iwamoto

Date: May 28, 2001 s/ Masamitsu Murai

Date: May 28, 2001 s/ Yutaka Shimizu

Date: May 28, 2001 s/ Kazuo Noie

Date: s/ _____

Date: s/ _____

Date: s/ _____

PATENT