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Atty Docket No.: 198801US3/ln

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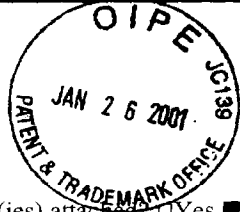
U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kiichiro SAKASHITA
Tomohiro ITOH
Katsunari OHSONO
Suguru HODE

1-26-01



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

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.

Address: 5-1, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 100-8315 Japan

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: October 5, 2000

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

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:

A. Patent Application No.(s)
09/696,947

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030
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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.

C. Irvin McClelland

Name of Person Signing

Joseph A. Scatetta Jr.
Signature

Jan. 26, 2001
Date

Registration Number: 21,124

Joseph A. Scatetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

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Commissioner of Patents and Trademarks
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Washington, D.C. 20231

PATENT
REEL: 011468 FRAME: 0190

Assignment Of Application

09/696 947

WHEREAS, I (WE) Kiichiro SAKASHITA, Katsunari OHSONO and Suguru HODE of
-c/o KOBE Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD.

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

1-1, Wadasaki-cho, 1-chome, Hyogo-ku, Kobe, Hyogo-ken 652-8585 Japan

Tomohiro ITOH

-c/o TAKASAGO Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD.

1-1, Arai-cho Shinhama 2-chome, Takasago, Hyogo-ken 676-8686 Japan

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: _____

AN ABSORBING ROD, AN APPARATUS FOR INSERTING THE ABSORBING ROD, A
CASK, AND A METHOD OF STORING SPENT FUEL ASSEMBLIES

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on October 5, 2000

(Application No. 09/696,947, filed October 27, 2000), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Oct. 5, 2000 Kiichiro Sakashita
(Signature of Inventor) Kiichiro SAKASHITA

Date: Oct. 5, 2000 Tomohiro Ito
(Signature of Inventor) Tomohiro ITOH

Date: Oct. 5, 2000 Katsunari Ohsono
(Signature of Inventor) Katsunari OHSONO

Date: Oct. 5, 2000 Suguru Hode
(Signature of Inventor) Suguru HODE

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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