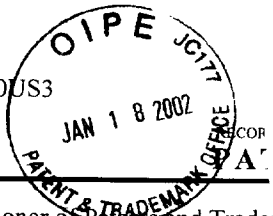


Atty Docket No.: 215460US3

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Hidekazu UEHARA, Tanehiro SHINOHARA, Kouichi AKAGI
and Masanori YURI

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

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

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.

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

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

3. Nature of Conveyance:

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Execution Date: January 10, 2002

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)

09/983,881

B. Patent No.(s)

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



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Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) (1) Hidekazu Uehara; (2) Tanehiro Shinohara;
(3) Kouichi Akagi; and (4) Masanori Yuri

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

Address of (1)-(2): c/o MITSUBISHI HEAVY INDUSTRIES, LTD., TAKASAGO

Research & Development Center, 1-1, Arai-cho, Shinhama 2-chome,
Takasago-shi, Hyogo-ken, Japan; and

Address of (3)-(4): c/o MITSUBISHI HEAVY INDUSTRIES, LTD., TAKASAGO

Machinery Works, 1-1, Arai-cho, Shinhama 2-chome, Takasago-shi,
Hyogo-ken, Japan

INSERT TITLE
OF INVENTION:

_____ , respectively,
have invented certain new and useful improvements in: _____
SHAFT SEAL AND GAS TURBINE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

_____ ,
January 10, 2002
for which an application for Letters Patent was executed on _____

(Application No. 09/983,881 , filed October 26, 2001), 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, 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: January 10, 2002
Hidekazu Uehara Hidekazu Uehara
(Signature of Inventor)

Date: January 10, 2002
Tanehiro Shinohara Tanehiro Shinohara
(Signature of Inventor)

Date: January 10, 2002
Kouichi Akagi Kouichi Akagi
(Signature of Inventor)

Date: January 10, 2002
Masanori Yuri Masanori Yuri
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

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