

06-09-1998

R SHEET

U.S. DEPARTMENT OF COMMERCE  
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To the Assistant Commissioner for P

100730982

document(s) or copy(ies) thereof.

## 1. Name of conveying party(ies):

Yasuoki TOMITA, Kazuharu HIROKAWA, Hircki  
FUKUNO, Kiyoshi SUENAGA, Yukihiro HASHIMOTO, and  
Eisaku ITO

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

Name: Mitsubishi Heavy Industries, Ltd.Street Address: 5-1, Marunouchi 2-chome  
Chiyoda-ku, Tokyo, JapanAdditional name(s) of conveying party(ies) attached? NoAdditional name(s) & address(es) attached? No

## 3. Nature of conveyance:

☒ Assignment                      Merger  
Security Agreement              Change of Name  
OtherExecution Date: February 20, 1998

## 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)

09/028,664

B. Patent No.(s)

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.Internal Address: Attn: Mr. Nils E. PedersenStreet Address: 2033 K Street, N.W., Suite 800City: Washington, D.C. ZIP: 200066. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). . . . . \$ 40.00☒ Enclosed [Check No. 28059]  
☐ Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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.*Nils E. Pedersen, Reg. No. 33,145

Name of Person Signing

Signature

June 3, 1998

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231THE COMMISSIONER IS AUTHORIZED  
TO SIGN AND IN WITNESS WHEREOF  
HE HAS HEREunto SIGNED HIS HAND  
AND SEAL OF OFFICE, June 3, 1998.

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MRD 6-3-98

06/03/1998 13:00:00 09/028664 40.00 DP  
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PP/1112-4070

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

Yasuoki TOMITA, Kazuharu HIROKAWA,  
Hiroki FUKUNO, Kiyoshi SUENAGA,  
Yukihiro HASHIMOTO and  
Eisaku ITO

Insert Name(s)  
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to  
Mitsubishi Heavy Industries, Ltd.

Address

of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 USC 100, in the invention known as

Title of  
Invention

GAS TURBINE SEAL APPARATUS

Date of Signing  
of Application

for which an application for patent in the United States of America has been executed by the undersigned  
on February 20, 1998

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

4200

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the Rule of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	February 20, 1998	Name of Inventor	<u>Yasuoki Tomita</u> Yasuoki Tomita
Date	February 20, 1998	Name of Inventor	<u>Kazuharu Hirokawa</u> Kazuharu Hirokawa
Date	February 20, 1998	Name of Inventor	<u>Hiroki Fukuno</u> Hiroki Fukuno
Date	February 20, 1998	Name of Inventor	<u>Kiyoshi Suenaga</u> Kiyoshi Suenaga
Date	February 20, 1998	Name of Inventor	<u>Yukihiro Hashimoto</u> Yukihiro Hashimoto
Date	February 20, 1998	Name of Inventor	<u>Eisaku Ito</u> Eisaku Ito

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Seiichi Tanabe  
Witness Shouichi Kikukawa

### ACKNOWLEDGEMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me  
personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_

RECORDED: 06/03/1998

PATENT  
REEL: 9213 FRAME: 0596