

11-27-2001

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To the Honorable Assistant Secretary and Cor  
or copy(ies) thereof.

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ase record the attached original document(s)

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

Takeaki OYA

Tadateru TANIOKA

Kazuharu HIROKAWA

Nobuhiro KUNITAKE

Additional name(s) of conveying party(ies) attached? NO

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: October 24, 2001

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

Name: Mitsubishi Heavy Industries, Ltd.Street Address: 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

City: Country:

Additional name(s) & address(es) attached? NO

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

09/988720

If this document is being filed together with a new application, the execution date of the application is: October 24, 2001

A. Patent Application No.(s)

NEW, filed November 20, 2001

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.Attn: Nils E. Pedersen, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$40.00☒ Enclosed(Check No. 476000)

Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

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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

November 20, 2001

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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# 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)

Takeaki OYA,

Kazuharu HIROKAWA,

Tadateru TANIOKA and

Nobuhiro KUNITAKE

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

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 as defined in 35 USC 100, in the invention known as

Title of  
Invention

GAS TURBINE STEAM PASSAGE SEAL STRUCTURE BETWEEN BLADE RING

AND STATIONARY BLADE

for which an application for patent in the United States has been executed by the undersigned on

Date of Signing  
Application

October 24, 2001

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.

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 rules 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 <u>October 24, 2001</u>	, Name of Inventor <u>Takeaki Oya</u>	
	Takeaki OYA	
Date <u>October 24, 2001</u>	, Name of Inventor <u>Kazuharu Hirokawa</u>	
	Kazuharu HIROKAWA	
Date <u>October 24, 2001</u>	, Name of Inventor <u>Tadateru Tanioka</u>	
	Tadateru TANIOKA	
Date <u>October 24, 2001</u>	, Name of Inventor <u>Nobuhiro Kunitake</u>	
	Nobuhiro KUNITAKE	
Date _____	, Name of Inventor _____	
Date _____	, Name of Inventor _____	

(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 Tadashi Hayashi

Witness SHINJI TSUKABE

## ACKNOWLEDGMENT

\_\_\_\_\_ } 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 No. \_\_\_\_\_ Atty. Docket No. \_\_\_\_\_

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