

07-23-1998

SHEET

U.S. DEPARTMENT OF COMMERCE  
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MRD 7-2-98

To the Assistant Commissioner for Pat

1. Name of conveying party(ies):

Kazuo UEMATSU, Rintaro CHIKAMI, Yasuoki TOMITA,  
Hiroki FUKUNO, Sunao AOKI, Toshiaki SANO, Yukihiro  
HASHIMOTO, Kiyoshi SUENAGA, and Kazuharu  
HIROKAWAAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment                      Merger  
Security Agreement              Change of Name  
Other

Execution Date: June 25, 1998

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

document(s) or copy(ies) thereof.

and address of receiving party(ies):

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

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: June 25, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? No5. 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. 34679]☐ 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

July 2, 1998

Date

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

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

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jrc526 U.S. PTO

09/109379

07/02/98

# 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)**

Kazuo UEMATSU, Rintary CHIKAMI,

Yasuoki TOMITA, Hiroki FUKUNO,

Sunao AOKI, Toshiaki SANO,

Yukihiro HASHIMOTO, Kiyoshi SUENAGA and

Kazuharu HIROKAWA

**Insert Name(s)  
of Assignee(s)**

Mitsubishi Heavy Industries, Ltd.

**Address**

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

**Title of  
Invention**

(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

GAS TURBINE MOVING BLADE STEAM COOLING SYSTEM

**Date of Signing  
of Application**

for which an application for patent in the United States has been executed by the undersigned on  
June 25, 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.

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	June 25, 1998	June 25, 1998	Name of Inventor	<u>Kazuo Uematsu</u>	<u>Rintaro Chikami</u>
				Kazuo Uematsu	Rintaro Chikami
Date	June 25, 1998	June 25, 1998	Name of Inventor	<u>Yasuoki Tomita</u>	<u>Hiroki Fukuno</u>
				Yasuoki Tomita	Hiroki Fukuno
Date	June 25, 1998	June 25, 1998	Name of Inventor	<u>Sunao Aoki</u>	<u>Toshiaki Sano</u>
				Sunao Aoki	Toshiaki Sano
Date	June 25, 1998		Name of Inventor	<u>Yukihiro Hashimoto</u>	
				Yukihiro Hashimoto	
Date	June 25, 1998	June 25, 1998	Name of Inventor	<u>Kiyoshi Suenaga</u>	<u>Kazuharu Hirokawa</u>
				Kiyoshi Suenaga	Kazuharu Hirokawa
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 Seichi Tanabe

Witness Kazuharu Hirokawa

### 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 \_\_\_\_\_