NOV 1 2 2004 Attorney Docket No.: 042534

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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type:

XX New

Conveyance type:

XX Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

**Execution Date** 

First party

Name:

NAKAE, Tomoyoshi

August 25, 2004

Second party

Name:

TAKEISHI, Kenichiro MATSUURA, Masaaki August 25, 2004 August 25, 2004

Third party Fourth party

Name: Name:

KITAMURA, Tsuyoshi

August 25, 2004

Fifth party

Name:

MORIWAKI, Atsushi

August 25, 2004

No XX

Additional name(s) of conveying party(ies) attached? Yes

Receiving Party (ies):

First party

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.

Address:

16-5, Konan 2-Chome, Minato-ku, Tokyo, Japan

Second party

Name:

THE SOCIETY OF JAPANESE AEROSPACE COMPANIES

Toshin Tameike Bldg. 2<sup>nd</sup> Floor, 1-1-14 Akasaka, Minato-ku

Tokyo 107-0052, Japan

Additional name(s) & address (es) attached?

Yes No XX

Domestic Representative Name and Address

(Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

1250 Connecticut Avenue, N.W., Suite 700

Washington, D.C. 20036

Customer No.: 38834

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**PATENT** REEL: 015981 FRAME: 0230

Page 2		
Correspondent Name and Address	Telephone: 202-822-1100	
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP		
1250 Connecticut Avenue, N.W., Suite 700		
Washington, D.C. 20036		
Pages Enter the total number of pages of the attached conveyance document: 1_		
(including any attachments, but not counting cover sheets)		
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No		
A. Patent Application No.(s)  B.	Patent No.(s)	
10/912,565 filed August 6, 2004		
If this document is being filed together with a new a	application, enter the date the application was signed by	
the first named executing inventor:		
(Do not recite both application and patent numbers.	.)	
Patent Cooperation Treaty (PCT)	PCT	
Enter PCT application number only if	PCT	
a U.S. Application Number has not been assigned	PCT	
Number of Properties Enter the total number of properties involved: 1		
Fee Amount for Properties	es Listed (37 CFR 3.41)\$40.00	
XX Enclosed: PTO-2038 Credit Card Form		
Authorized	d to be charged to Deposit Account No.: 50-2866	
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.		
Stephen G. Adrian	11 YHOU	
Name of Person Signing	Signature	
November 12, 2004	32,878	
Date	Registration No.	
Rev. 11/00		

PATENT REEL: 015981 FRAME: 0231 Westerman, Hattori, Daniels & Adrian, LLP

## U.S. ASSIGNMENT

(Insert ASSIGNEE's Name(s) Address(es)) IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by MITSUBISHI HEAVY INDUSTRIES, LTD. 16-5, Konan 2-Chome, Minato-ku, Tokyo, Japan

The Society of Japanese Aerospace Companies, Toshin Tameike Bldg. 2nd Floor, 1-1-14 Akasaka, Minato-ku, Tokyo 107-0052, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

HEAT EXCHANGING WALL, GAS TURBINE USING THE SAME, AND FLYING BODY WITH GAS TURBINE ENGINE

(\*If the assignment is being filed after the filing of the application, this section must be completed) for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No.

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

(Signatures)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Tom oyo shi Nakae (Signature)	Tomoyoshi NAKAE	25/08/2004
(Signature)	(Type Name)	(Date)
Kenichino Taucishi	Kenichiro TAKEISHI	25/08/2004
(Signature)	(Type Name)	(Date)
Massaki Matsuura	Masaaki MATSUURA	25/08/2004
(Signature)	(Type Name)	(Date)
Tsuyoshi Kitamura	Tsuyoshi KITAMURA	25/08/2004
(Signature)	(Type Name)	(Date)
Atsushi Moriwaki	Atsushi MORIWAKI	25/08/2004
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

**RECORDED: 11/12/2004** 

PATENT REEL: 015981 FRAME: 0232