

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sosuke NAKAMURA</td> <td>08/06/2010</td> </tr> <tr> <td>Kenichi ARASE</td> <td>08/06/2010</td> </tr> <tr> <td>Norihiko MOTOYAMA</td> <td>08/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sosuke NAKAMURA	08/06/2010	Kenichi ARASE	08/06/2010	Norihiko MOTOYAMA	08/06/2010		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>mitsubishi heavy industries, ltd.</td> </tr> <tr> <td>Street Address:</td> <td>16-5, Konan 2-chome, Minato-ku,</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-8215</td> </tr> </table>		Name:	mitsubishi heavy industries, ltd.	Street Address:	16-5, Konan 2-chome, Minato-ku,	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8215
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (703)518-5499</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841111</p> <p>Email: bjhgroup@ipfirm.com</p> <p>Correspondent Name: LOWE HAUPTMAN HAM &amp; BERNER, LLP</p> <p>Address Line 1: 1700 DIAGONAL ROAD</p> <p>Address Line 2: SUITE 300</p> <p>Address Line 4: ALEXANDRIA, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	4554-134										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
<p>Total Attachments: 1</p> <p>source=Assignment#page 1.tif</p>											

OP \$40.00 12933870

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**PATENT**  
REEL: 025024 FRAME: 0377

# U.S. ASSIGNMENT

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

(Insert Name(s) & Address(es) of ASSIGNEE(S))

MITSUBISHI HEAVY INDUSTRIES, LTD.

16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 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)

GAS TURBINE AND METHOD OF FORMING COMBUSTOR INSERTION HOLE OF GAS TURBINE

relating to International Patent Application PCT/JP2008/071812 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on September 21, 2010;

Serial No. 12,933,870;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

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

1) <u>Sosuke Nakamura</u> (Signature)	Sosuke NAKAMURA (Type Name)	Aug. 6, 2010 (Date)
2) <u>Kenichi Arase</u> (Signature)	Kenichi ARASE (Type Name)	Aug. 6, 2010 (Date)
3) <u>Norihiko Motoyama</u> (Signature)	Norihiko MOTOYAMA (Type Name)	Aug. 6, 2010 (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT

RECORDED: 09/21/2010

REEL: 025024 FRAME: 0378