

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomoyuki ONISHI</td> <td>02/19/2013</td> </tr> <tr> <td>Yuichiro WAKI</td> <td>02/19/2013</td> </tr> <tr> <td>Shoki YAMASHITA</td> <td>02/19/2013</td> </tr> <tr> <td>Takaaki MATSUO</td> <td>02/19/2013</td> </tr> <tr> <td>Asahara MATSUO</td> <td>02/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Tomoyuki ONISHI	02/19/2013	Yuichiro WAKI	02/19/2013	Shoki YAMASHITA	02/19/2013	Takaaki MATSUO	02/19/2013	Asahara MATSUO	02/19/2013
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Asahara MATSUO	02/19/2013												
RECEIVING PARTY DATA													
Name:	Mitsubishi Heavy Industries, Ltd.												
Street Address:	16-5, Konan 2-chome, Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	108-8215												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13818016</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13818016								
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Application Number:	13818016												
CORRESPONDENCE DATA													
Fax Number:	2028221111												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	130219												
NAME OF SUBMITTER:	Stephen G. Adrian												
Total Attachments: 2 source=130219 Assignment#page1.tif source=130219 Assignment#page2.tif													

OP \$40.00 13818016

2011-030-029
05A 46579
A11

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

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 ASSIGNEE's Name(s) Address(es))

MITSUBISHI HEAVY INDUSTRIES, LTD.
of 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)

TURBINE AND METHOD FOR MANUFACTURING TURBINE

(*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.

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

(Signatures)

<u>Tomoyuki Onishi</u> (Signature)	<u>Tomoyuki ONISHI</u> (Type Name)	<u>February 19, 2013</u> (Date)
<u>Yuichiro Waki</u> (Signature)	<u>Yuichiro WAKI</u> (Type Name)	<u>February 19, 2013</u> (Date)
<u>Shoki Yamashita</u> (Signature)	<u>Shoki YAMASHITA</u> (Type Name)	<u>February 19, 2013</u> (Date)
<u>Takaaki Matsuo</u> (Signature)	<u>Takaaki MATSUO</u> (Type Name)	<u>February 19, 2013</u> (Date)
<u>Asaharu Matsuo</u> (Signature)	<u>Asaharu MATSUO</u> (Type Name)	<u>February 19, 2013</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

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