

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Hidemichi KOYABU</td><td>07/26/2010</td></tr><tr><td>Satoshi HADA</td><td>07/26/2010</td></tr><tr><td>Junichiro MASADA</td><td>07/26/2010</td></tr><tr><td>Keizo TSUKAGOSHI</td><td>07/26/2010</td></tr></tbody></table>		Name	Execution Date	Hidemichi KOYABU	07/26/2010	Satoshi HADA	07/26/2010	Junichiro MASADA	07/26/2010	Keizo TSUKAGOSHI	07/26/2010
Name	Execution Date										
Hidemichi KOYABU	07/26/2010										
Satoshi HADA	07/26/2010										
Junichiro MASADA	07/26/2010										
Keizo TSUKAGOSHI	07/26/2010										
RECEIVING PARTY DATA											
Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.										
Street Address:	16-5, Konan 2-chome, Minato-ku										
City:	Tokyo										
State/Country:	JAPAN										
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>12763723</td></tr></tbody></table>		Property Type	Number	Application Number:	12763723						
Property Type	Number										
Application Number:	12763723										
CORRESPONDENCE DATA											
Fax Number:	(202)822-1111										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-822-1100										
Email:	PatentMail@whdapatentlaw.com										
Correspondent Name:	Westerman, Hattori, Daniels & Adrian, LL										
Address Line 1:	1250 Connecticut Avenue, NW										
Address Line 2:	Suite-700										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036-2657										
ATTORNEY DOCKET NUMBER:	100603										
NAME OF SUBMITTER:	William F. Westerman										
Total Attachments: 1 source=100603_Assignment#page1.tif											

OP \$40.00 12763723

PATENT

501252796

REEL: 024788 FRAME: 0790

U.S. ASSIGNMENT

2010-123
A 101
OSP-33467(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.

of 16-5, Konan 2-chome, Minato-ku, Tokyo, 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)

COOLING SYSTEM OF RING SEGMENT AND GAS 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 April 20, 2010 Serial No. 12/763,723

(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>Hidemichi Koyabu</u> (Signature)	<u>Hidemichi KOYABU</u> (Type Name)	<u>July 26, 2010</u> (Date)
<u>Satoshi Hada</u> (Signature)	<u>Satoshi HADA</u> (Type Name)	<u>July 26, 2010</u> (Date)
<u>Junichiro Masada</u> (Signature)	<u>Junichiro MASADA</u> (Type Name)	<u>July 26, 2010</u> (Date)
<u>Keizo Tsukagoshi</u> (Signature)	<u>Keizo TSUKAGOSHI</u> (Type Name)	<u>July 26, 2010</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT