

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shin NISHIMOTO	12/17/2010
Yoshinori TANAKA	12/17/2010
Tatsuaki FUJIKAWA	12/17/2010
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	
Property Type	Number
Application Number:	12958884
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	2010-1680A
NAME OF SUBMITTER:	Janae Johnson
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif	

OP \$40.00 12958884

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) Shin NISHIMOTO
Yoshinori TANAKA
Tatsunaki FUJIKAWA

Insert Name(s) of Assignee(s) the undersigned hereby sell(s) and assign(s) to
MITSUBISHI HEAVY INDUSTRIES, LTD.
Address of 16-5, Konan 2-chome, Minato-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
MEHOD AND DEVICE FOR COOLING SINGLE-FLOW TURBINE

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned
on December 17, 2010

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., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, 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 recordal of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>December 17, 2010</u>	<u>Shin Nishimoto</u>
Date	<u>December 17, 2010</u>	Shin NISHIMOTO
Date	<u>December 17, 2010</u>	<u>Yoshinori Tanaka</u>
Date	<u>December 17, 2010</u>	Yoshinori TANAKA
Date	_____	<u>Tatsuaki FUJIKAWA</u>
Date	_____	Tatsuaki FUJIKAWA
Date	_____	_____
Date	_____	_____
Date	_____	_____

(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 Misuzu Nakayama

Witness Tatsuaki Fujikawa

ACKNOWLEDGMENT

_____ } ss

_____ }

This _____ day of _____, 20____, 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: December 2, 2010

Applicant Reference Number: 10-610US Attorney Docket No.: 2010_1680A