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FORM PTO-1595 (modified)

2-4-08

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies): Takao YOKOYAMA, Hirotaka HIGASHIMORI, Motoki EBISU and Takashi SHIRAISHI

2. Name and address of receiving party(ies): Name: MITSUBISHI HEAVY INDUSTRIES, LTD. Address: 16-5, Konan 2-chome, Minato-ku, Tokyo, Japan

3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: December 10, 2007

Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: December 10, 2007 A. Patent Application No.(s) NEW, filed February 4, 2008

B. Patent No.(s) Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: David M. Ovedovitz, Esq. Street Address: 2033 K Street, N.W., Suite 800 City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41). \$40.00 X Enclosed (Check No. 84488) Authorized to be charged to deposit account 8. Deposit account number: 23-0975 (Attach duplicate copy of this page if paying by deposit account)

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9. 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. David M. Ovedovitz, Reg. No. 45,336 Name of Person Signing Signature Date February 4, 2008 Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94) Do not detach this portion

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DOCKET NO. 2008_0172A

ATTACHMENT E

PATENT REEL: 020503 FRAME: 0492

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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) Takao YOKOYAMA, Hirotaka HIGASHIMORI, Motoki EBISU, Takashi SHIRAISHI

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Address
Address
MITSUBISHI HEAVY INDUSTRIES, LTD.
of 16-5, Konan 2-chome, Minato-ku, Tokyo, Japan

(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

Title of Invention MIXED FLOW TURBINE OR RADIAL TURBINE

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application on December 10, 2007

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., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 recordation of this document.

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

Date December 10, 2007, Name of the Inventor Takao Yokoyama
Takao YOKOYAMA

Date December 10, 2007, Name of the Inventor Hiroataka Higashimori
Hiroataka HIGASHIMORI

Date December 10, 2007, Name of the Inventor Motoki Ebisu
Motoki EBISU

Date December 10, 2007, Name of the Inventor Takashi Shiraishi
Takashi SHIRAISHI

(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 Takaharu Fujita Takaharu FUJITA

Witness Kunio Ueda Kunio UEDA

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named 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.

Official Signature

SEAL

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____