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FORM PTO-1595 (modified)

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

## 1. Name of conveying party(ies):

Masaaki SHIBATA  
Toyoaki FURUKAWA  
Yoshiyuki HAYASHI  
Yuuji YATOMI  
Kazuhisa TSUTSUMI

11-9-07

## 2. Name and address of receiving party(ies):

Name: Mitsubishi Heavy Industries, Ltd.Address: 16-5, Konan 2-chome, Minato-ku  
Tokyo 108-8215, Japan

Additional name(s) of conveying party(ies) attached? No

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: October 29, 2007

## 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: October 29, 2007A. Patent Application No.(s)  
NEWB. Patent No.(s)  
, issued

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: Walter C. Pledger, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41). . . . . \$40.00

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Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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.

Walter C. Pledger, Reg. No. 55,540  
Name of Person Signing  
SignatureNovember 9, 2007  
Date

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DOCKET NO. 2007\_11

PATENT  
REEL: 020158 FRAME: 0810

# 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)** 1) Masaaki SHIBATA; 2) Toyoaki FURUKAWA; 3) Yoshiyuki HAYASHI;  
4) Yuuji YATOMI; and 5) Kazuhisa TSUTSUMI  
\_\_\_\_\_  
\_\_\_\_\_

**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 108-8215 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  
WIND TURBINE OPERATING APPARATUS AND OPERATING METHOD

**Date of  
Signing of  
Application** for which an application for patent in the United States has been executed by the undersigned  
on 29 October, 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 recordal of this document.

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

Date 29 Oct, 2007

Masaaki Shibata  
Masaaki SHIBATA

Date 29 Oct, 2007

Toyoaki Furukawa

Date 29 Oct, 2007

Toyoaki FURUKAWA

Date \_\_\_\_\_

Yoshiyuki Hayashi  
Yoshiyuki HAYASHI

Date 29 Oct, 2007

Yuuji YATOMI

Date \_\_\_\_\_

Kazuhisa Tsutsumi  
Kazuhisa TSUTSUMI

(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 Akira Shirai

Witness Yoshinobu Tsubokawa

#### 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 \_\_\_\_\_

Applicant Reference Number 02-241US DIV Atty Docket No. 2007-1174

Title of Invention WIND TURBINE OPERATING APPARATUS AND OPERATING METHOD

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 recordal of this document.

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

Date \_\_\_\_\_

Masaaki SHIBATA

Date \_\_\_\_\_

Toyoaki FURUKAWA

Date \_\_\_\_\_

Yoshiyuki HAYASHI

Date \_\_\_\_\_

Yuuji YATOMI

Date 29 Oct '07

Kazuhisa TSUTSUMI

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

Akira Shira'i

Witness

Yoshinobu Tsubushima

#### 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.

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