### 505714067 10/09/2019

# PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT5760877

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKAO KUROIWA	09/26/2019
KOUJI ESAKI	09/26/2019
KENTARO SHINDO	09/26/2019
MASAKAZU KAMIBAYASHI	09/26/2019

#### **RECEIVING PARTY DATA**

Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	
Street Address:	2-3, MARUNOUCHI 3-CHOME, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8332	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16596804

### **CORRESPONDENCE DATA**

**Fax Number:** (703)518-5499

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ATTORNEY DOCKET NUMBER:	TMP-179
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN
SIGNATURE:	/Benjamin J. Hauptman/
DATE SIGNED:	10/09/2019

**Total Attachments: 3** 

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PATENT 505714067 REEL: 050662 FRAME: 0562

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PATENT REEL: 050662 FRAME: 0563

(P201801171US01) Docket No.: TMP-179

### ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Takao KUROIWA

4) Masakazu KAMIBAYASHI

- 2) Kouji ESAKI
- 3) Kentaro SHINDO

who has made a certain new and useful invention, hereby sells, assigns and transfers unto MITSUBISHI HEAVY INDUSTRIES, LTD. having a place of business at 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 100-8332, Japan, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

# METHOD OF EVALUATING QUALITY OF WIND TURBINE BLADE

(a)	for which an application for United States Letters Patent Application No; or	Patent was filed on, and identified by United States
(b)	for which an application for United States Letters	Patent was executed on
all Ur. contin Prope	ited States Letters Patent which may be granted the mations-in-part thereof, and the right to all benefi	Inited States Commissioner of Patents and Trademarks to issue any and erefore and any and all extensions, divisions, reissues, continuations, or its under the International Convention for the Protection of Industrial INEE, its successors, assigns and legal representatives; the undersigned hereafter act on behalf of said ASSIGNEE;
ASSIC applic ASSIC the in	ation for and obtaining original, divisional, reissued INEE, its successors, assigns and legal representativations for patent based thereon, growing out of or INEE, its successors, assigns and legal representative of the successors.	fer a like interest, and to render all necessary assistance in making or extended Letters Patent of the United States, upon request of the said ves, and without further remuneration, in and to any improvements, and related to the said invention; and to execute any papers by the said ves, deemed essential to ASSIGNEE's full protection and title in and to
SIGN	ED on the date indicated aside my signature:	
1)	Takao Kuroun	September 26, 2d9
Nan	Takao Kurowa 10: Takao KUROIWA	Date
2) Nan	ne: Konji ESAKI	Date:
رد Nan	ne: Kentaro SHINDO	Date:
Nan	ie: Masskazu KAMIBAYASHI	Date:

PATENT REEL: 050662 FRAME: 0564

(P201801171US01) Docket No.: TMP-179

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(a)	for which an application for United States Letters Patent was file Patent Application No; or	d on, and	d identified by	<sup>'</sup> United	States
(b)	for which an application for United States Letters Patent was exe	outed on	,		
all Unite continua Property	undersigned hereby authorizes and requests the United States Co od States Letters Patent which may be granted therefore and any tions-in-part thereof, and the right to all benefits under the In to the said ASSIGNEB, for its interest as ASSIGNEB, its succe nat the attorneys of record in said application shall hereafter act on	and all extensions, div ternational Convention ssors, assigns and legal	isions, reissues, for the Protect representatives;	continuati ion of Inc	ions, or dustrial
ASSIGN applicati ASSIGN the inver	AND the undersigned hereby agrees to transfer a like intere on for and obtaining original, divisional, reissued or extended Let IEE, its successors, assigns and legal representatives, and without one for patent based thereon, growing out of or related to the IEE, its successors, assigns and legal representatives, deemed essistion hereby transferred.  On the date indicated aside my signature:	ters Patent of the Unite further remuneration, said invention; and to	d States, upon re in and to any im execute any pa	equest of to provement pers by the	he said its, and he said
1)	Takao KUROIWA				
Name:	Takao KUROIWA	Date:			
2) Name:	Kouji Esaki Kouji ESAKI	September	V 26, 2	-069	
3) Name:	Kentaro SHINDO	Date:		<b>~</b> -	
4)	Mosokazu WAMIRAYASHI	Date			

PATENT REEL: 050662 FRAME: 0565

(P201801171US01) Docket No.: TMP-179

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(a) for which an application for United States Letters Pa Patent Application No; or	atent was filed on, and identified by United States
(b) for which an application for United States Letters Pa	atent was executed on,
all United States Letters Patent which may be granted there continuations-in-part thereof, and the right to all benefits	ted States Commissioner of Patents and Trademarks to issue any and fore and any and all extensions, divisions, reissues, continuations, or under the International Convention for the Protection of Industrial EE, its successors, assigns and legal representatives; the undersigned reafter act on behalf of said ASSIGNEE;
application for and obtaining original, divisional, reissued or ASSIGNEE, its successors, assigns and legal representatives applications for patent based thereon, growing out of or re	a like interest, and to render all necessary assistance in making extended Letters Patent of the United States, upon request of the said and without further remuneration, in and to any improvements, and elated to the said invention; and to execute any papers by the said at the said invention; and to execute any papers by the said at the said invention and title in and to be seened essential to ASSIGNEE's full protection and title in and to
1)	
l) Name: Takao KUROIWA	Date:
2)	
Name: Kouji ESAKI	Date:
3) <u>Kenturë Shinds</u> Name: Kentaro SHINDO  4) <i>MaSakayu Kamilayashi</i> Name: Masakazu KAMIBAYASHI	September 26,20/9 Date: September 26,20/9 Date:
Name: Kentaro SHINDO	Date:
4) Masakazu Kamilayashi	September 26, 2019
Name: Masakazu KAMIBAYASHI	Date:

PATENT REEL: 050662 FRAME: 0566

**RECORDED: 10/09/2019**