

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5818644

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYOJI OKABE	11/11/2019
YOSHINORI NONAKA	11/11/2019
KENTARO SHINDO	11/11/2019
MASAMI KAMIYA	11/11/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MITSUBISHI HEAVY INDUSTRIES, LTD.
<b>Street Address:</b>	2-3, MARUNOUCHI 3-CHOME, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8332
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16613305
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)721-8250
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2027218200
<b>Email:</b>	wlp@wenderoth.com
<b>Correspondent Name:</b>	WENDEROTH, LIND & PONACK, L.L.P.
<b>Address Line 1:</b>	1025 CONNECTICUT AVENUE NW
<b>Address Line 2:</b>	SUITE 500
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036
<b>ATTORNEY DOCKET NUMBER:</b>	2019-1929A
<b>NAME OF SUBMITTER:</b>	SARAH PEDERSEN
<b>SIGNATURE:</b>	/Sarah Pedersen/
<b>DATE SIGNED:</b>	11/13/2019
<b>Total Attachments: 4</b>	
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Wenderoth, Lind & Ponack, LLP  
Attorney Docket No.: \_\_\_\_\_

<b>COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION</b>	
<b>Title of Invention</b>	COMPOSITE BLADE AND METHOD FOR PRODUCING COMPOSITE BLADE
<b>DECLARATION</b>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
<input type="checkbox"/> The attached application, or	
<input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2018/020780</u> filed on <u>May 30, 2018</u>	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."	
<b>ASSIGNMENT</b>	
In consideration of the good and valuable consideration paid, I hereby sell and assign to	
<u><b>mitsubishi heavy industries, ltd.</b></u> (Name of Assignee)	
of <u><b>2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8332 Japan</b></u> (Address of Assignee)	
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.	
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.	
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.	
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, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.

First Inventor (Legal Name): Ryoji OKABE

Signature: *Ryoji Okabe*

Date: November 11, 2019

Second Inventor (Legal Name): Yoshinori NONAKA

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Third Inventor (Legal Name): Kentaro SHINDO

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Fourth Inventor (Legal Name): Masami KAMIYA

Signature: *Masami Kamiya*

Date: November 11, 2019

Fifth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Sixth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Seventh Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Eighth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Wenderoth, Lind & Ponack, LLP  
Attorney Docket No.: \_\_\_\_\_

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In consideration of the good and valuable consideration paid, I hereby sell and assign to	
<u><b>MITSUBISHI HEAVY INDUSTRIES, LTD.</b></u>	
(Name of Assignee)	
of <u><b>2-3, Marunouchi 3-chome, Chivoda-ku, Tokyo 100-8332 Japan</b></u>	
(Address of Assignee)	
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.	
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.	
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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, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

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First Inventor (Legal Name): Ryoji OKABE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Second Inventor (Legal Name): Yoshinori NONAKA

Signature: Yoshinori Nonaka

Date: November 11, 2019

Third Inventor (Legal Name): Kentaro SHINDO

Signature: Kentaro Shindo

Date: November 11, 2019

Fourth Inventor (Legal Name): Masami KAMIYA

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Fifth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Sixth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Seventh Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Eighth Inventor (Legal Name): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_