505216267 12/03/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5263035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUJI TANIGAWA	11/19/2018
MASAHIKO MEGA	11/19/2018
TAIJI TORIGOE	11/19/2018
YOSHIFUMI OKAJIMA	11/19/2018
DAISUKE KUDO	11/19/2018

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	
Street Address:	16-5, KONAN 2-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-8215	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16306635

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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.

Phone: 2027218200

Email: wlp@wenderoth.com

Correspondent Name: WENDEROTH, LIND & PONACK, L.L.P.

Address Line 1: 1030 15TH STREET NW

SUITE 400 EAST Address Line 2:

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2018-2040A
NAME OF SUBMITTER:	SARAH PEDERSEN
SIGNATURE:	/SARAH PEDERSEN/
DATE SIGNED:	12/03/2018

Total Attachments: 2

PATENT REEL: 047659 FRAME: 0145

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PATENT REEL: 047659 FRAME: 0146

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

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION		
Title of Invention	THERMAL BARRIER COATING, TURBINE MEMBER, AND GAS TURBINE	
	DECLARATION	
As the below n	amed inventor, I hereby declare that:	
This declaration is directed to:	n The attached application, or	
	X United States application or PCT international application	
	number <u>PCT/JP2017/020912</u> filed on <u>June 6, 2017</u> .	
The above-ider	atified 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."		
	ASSIGNMENT	
In consideration	n of the good and valuable consideration paid, I hereby sell and assign to	
MITSUBISHI (Name of A	HEAVY INDUSTRIES, LTD. ssignee)	
of <u>16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Japan</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		

PATENT REEL: 047659 FRAME: 0147

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.		
Inventor (Legal Name): Shuji TANIGAWA	N 10 2010	
Signature: Shuji Fornigowa	Date: Nov. 19, 2018	
Inventor (Legal Name): <u>Masahiko MEGA</u> Signature: <u>Masahiko Mega</u>	Date: Nov. 19, 2018	
' /		
Inventor (Legal Name): <u>Taiji TORIGOE</u> Signature: Jay Tongul	Date: Nov. 19, 2018	
Inventor (Legal Name): Yoshifumi OKAJIMA Signature: Juhlan Olyin	Date: Nov. 19, 2018	
Inventor (Legal Name): <u>Daisuke KUDO</u> Signature: <u>Jaisuke Kudo</u>	Date: Nov. 19, 2018	