#### 503772621 04/07/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3819266

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TETSUSHI OKAMOTO	01/25/2016
FUMIO SAWA	01/25/2016
TAKASHI HARAKAWA	01/25/2016
KENICHI YAMAZAKI	02/12/2016
HIROAKI CHO	02/12/2016
NAOKI SHIBUKAWA	01/25/2016
TADAYUKI HASHIDATE	01/26/2016
YOSHIHIRO HYODO	02/01/2016
AKIRA TANAKA	02/04/2016
MASAMITSU SAKUMA	02/08/2016

#### **RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
City:	Tokyo
State/Country:	Japan
Postal Code:	105-8001

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

Property Type	Number
Application Number:	15052003

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

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: (703) 413-3000
Email: vlam@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 465180US20CONT

NAME OF SUBMITTER:	VANESSA LAM	
SIGNATURE:	/Vanessa Lam/	
DATE SIGNED:	04/07/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10		
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source=465180USASSN#page9.tif		
source=465180USASSN#page10.tif		

Title of EROSION RESISTANT MATERIAL AND TURBINE BLADE Invention		
As the below named inventor, I hereby declare that:		
This declaration   The attached application, or		
is directed to: United States application or PCT international application number		
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.		
WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1. Shibaura 1-chome. Minato-ku. Tokyo 105-8001 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5,00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and satirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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.		
LEGAL NAME OF INVENTOR		
nventor: Tetsushi OKAMOTO Date: January, 25th, 20/6		
Signature: Muchi Upambo		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR		
Inventor: Fumio SAWA Date: January, 15th	, 20/6	
Signature: Funio Sana		

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LEGAL NAME OF	_		
Inventor: Takashi			
Signature: $\mathcal{I}_{\alpha}$	hashi Harakawa		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF		
Inventor: Kenichi	YAMAZAKI Date: February 12,2016	
Signature:	michi Hamanaha)	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF	FINVENTOR	
Inventor: Hiroaki	CHO Date: February, 12th, 2016	
Signature:	iroaki Cho	

 ${\bf OBLON, McCLELLAND, MAIER\ \&\ NEUSTADT, L.L.P.}$ 

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LEGAL NAME OF	INVENTOR	
Inventor: Naoki S	HIBUKAWA Date: January, 25th, 2016	
Signature: <u>Mao</u>	ki Shibukawa	

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LEGAL NAME OF	FINVENTOR		
Inventor: Tadayu	ki HASHIDATE Date: January, 26th, 2016		
Signature:	adayski Hackidate		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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LEGAL NAME OF	INVENTOR		February, 151, 2016	
Inventor: Yoshihi	iro HYODO	Date:	February, 151, 2016	
Signature:	shihiro Hyodo		2016.211	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF INVENTOR	~		
Inventor: Akira TANAKA	Date: Februry, 4th, 2016		
Signature: Abb To			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in any and all divisions, reissues, continuations, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.			
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
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.			
LEGAL NAME OF	INVENTOR		
Inventor: Masamit	su SAKUMA Date: February, 8. 2016		
Signature: W	la samiture de la como		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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> PATENT REEL: 038215 FRAME: 0393

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