### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3013767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HISASHI MATSUDA	06/17/2014
KENICHI YAMAZAKI	08/18/2014
MOTOFUMI TANAKA	06/16/2014
NAOHIKO SHIMURA	06/16/2014
MASAHIRO ASAYAMA	06/18/2014
TOSHIKI OSAKO	07/01/2014

### **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:	14210875

### **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 Gtesfaye@oblon.com Email:

OBLON, SPIVAK, ET AL. **Correspondent Name:** Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	432242US20
NAME OF SUBMITTER:	GENET TESFAYE
SIGNATURE:	/Genet Tesfaye/
DATE SIGNED:	09/09/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 6** 



Title of Invention	AIRFLOW GENERATION DEVICE AND WIND POWER GENERATION SYSTEM	
As the below name	ed inventor, I hereby declare that:	
	The attached application, or	
is directed to:	United States application or PCT international application number 14/210, 375 filed on March 14, 2014	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referre	BUSHIKI KAISHA TOSHIBA ed to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, s desirous of acquiring the entire right, title and interest in and to said invention and in and to may be granted therefore in the United States and its territorial possessions and in any and the said in any and in any any and in any any and in any any and in any any any and in any any any any any any and any	to any
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is he if for other good and valuable consideration, I, by these presents do sell, assign and transfer the full and exclusive right to the said invention in the United States and its territorial possess countries (including the right to claim priority under the terms of the International Convention rnational Treaties and Arrangements from the aforesaid application) and the entire right, title any and all Letters Patent which may be granted therefor in the United States and its territorian any and all foreign countries and in and to any and all divisions, reissues, continuate enewals thereof.	r unto ssions on and le and itorial
any and all foreign assignee of my ent (his) successors an	ize and request the Patent Office Officials in the United States and its territorial possession in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE at tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNE and assigns, to the full end of the term for which said Letters Patent may be granted, as fully a would have been held by me had this Assignment and sale not been made.	as the E, its
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.		
	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. ament of not more than five (5) years, or both.	1001
LEGAL NAME OF		
Inventor: Hisashi		
Signature:	Hisashi Matsuda	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Title of Invention	AIRFLOW GENERATION DEVICE AND WIND POWER GENERATION SYSTEM
As the below name	d inventor, I hereby declare that:
This declaration [	The attached application, or
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	BUSHIKI KAISHA TOSHIBA
105-8001 Japan, i	ed to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo s desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby a for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignee of my ent (his) successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Kenich	YAMAZAKI Date: Otag. 182-14
Signature: K	in ichi tannadei

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Title of Invention	AIRFLOW GENERATION DEVICE AND WIND POWER SYSTEM	GENERATION
As the below name	d inventor, I hereby declare that:	
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The above-identifie	ed application was made or authorized to be made by me.	
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(hereinafter referre 105-8001 Japan, is Letters Patent that foreign countries;	BUSHIKI KAISHA TOSHIBA ed to as "ASSIGNEE") having places of business at: 1-1. Shibaura s desirous of acquiring the entire right, title and interest in and to said may be granted therefore in the United States and its territorial poss	invention and in and to any sessions and in any and all
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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.		
by fine or imprison	vledge that any willful false statement made in this declaration is punishment of not more than five (5) years, or both.	hable under 18 U.S.C. 1001
LEGAL NAME OF		
Inventor: Motofu	mi TANAKA Date: Yu	me 16.2019
Signature:	motofumi Tanaka	<u> </u>

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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(hereinafter referred	BUSHIKI KAISHA TOSHIBA  I to as "ASSIGNEE") having places of business at: desirous of acquiring the entire right, title and intere may be granted therefore in the United States and i	est in and to said invention and in and to any
acknowledged, and said ASSIGNEE, the and in all foreign co other relevant Internal interest in and to ar	FORE, in consideration of the sum of FIVE DOLLAr for other good and valuable consideration, I, by the se full and exclusive right to the said invention in the puntries (including the right to claim priority under the national Treaties and Arrangements from the aforesany and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	ese presents do sell, assign and transfer unto c United States and its territorial possessions are terms of the International Convention and aid application) and the entire right, title and arefor in the United States and its territorial
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.		
	ledge that any willful false statement made in this dec nent of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Naohiko		Date: June 16 . 2014
Signature: <u>h</u>	sohiko Shimm.	

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Invention	SYSTEM
As the below name	d inventor, I hereby declare that:
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is directed to:	United States application or PC: international application number
The above-identifie	ed application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred 105-8001 Japan, is	BUSHIKI KAISHA TOSHIBA d to as "ASSIGNEE") having places of business at: 1-1. Shibaura 1-chome, Minato-ku, Toko desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign contact the contact other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
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by fine or imprisonr	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	0 196
Inventor: Masahir	o ASAYAMA Date: June 18 , 2014
Signature: 1/ac	

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This declaration	The attached application, or	
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The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he 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. Toko 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 entirely as the same would have been held by me had this Assignment and sale not been made.		
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LEGAL NAME OF	INVENTOR	
Inventor: Toshiki	OSAKO Date: July 1st-, 2014	
Signature:	oshiki Osako	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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PATENT REEL: 033695 FRAME: 0289

RECORDED: 09/09/2014