505216078 12/03/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKUHIRO TSUNEKAWA	11/15/2018
YUICHI NAKAMURA	11/15/2018
KOICHI NAGAISHI	11/15/2018
TOSHIHIKO ENDO	11/20/2018
HISASHI GOTO	11/15/2018

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Name:	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
Name: Street Address:	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION 72-34, HORIKAWA-CHO, SAIWAI-KU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15862160

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
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Correspondent Name: OBLON, ET AL.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	510313US
NAME OF SUBMITTER:	ANDREW TRUMPLER
SIGNATURE:	/Andrew Trumpler/

PATENT 505216078 REEL: 047658 FRAME: 0298

DATE SIGNED:	12/03/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	
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source=Declaration and Assignment-120318#page2.tif	
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source=Declaration and Assignment-12	0318#page5.tif

Title of STEAM TURBINE VALVE DRIVE APPRATUS 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 15/862,160 filed on January 4, 2018
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, 1) KABUSHIKI KAISHA TOSHIBA; and 2) Toshiba Energy Systems & Solutions Corporation (hereinafter referred to as "ASSIGNEES") having places of business at: 1) 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan; and 2) 72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: Takuhiro TSUNEKAWA Date: 2018. 11, 15
Signature: 7. h. A

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: Yuichi NAKAMURA Date: 15th Nov. 2018
Signature: J. Unhuman

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

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LEGAL NAME OF INVENTOR	
Inventor: Koichi l	NAGAISHI Date: Nov. 15, 2018
Signature:	Koicho Nagarchi

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LEGAL NAME OF	RINVENTOR
Inventor: Toshihi	ko ENDO Date: NOV, 20, 20/8
Signature:	走展青光を

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LEGAL NAME OF INVENTOR
Inventor: Hisashi GOTO Date: Nov. 15 2018
Signature: H ATA

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> PATENT REEL: 047658 FRAME: 0304

RECORDED: 12/03/2018