08/01/2017 504483842

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REI KIMURA	07/07/2017
TAISHI YOSHIDA	07/14/2017
SATOSHI WADA	07/07/2017
YOSHIRO NISHIOKA	07/07/2017
YOSHIHIRO HYODO	07/07/2017
KUNIO HOSHINO	07/07/2017
RYOSUKE MIURA	07/10/2017

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:	15666152

CORRESPONDENCE DATA

504483842

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: adavis@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	505870US
NAME OF SUBMITTER:	ALLISON B DAVIS
SIGNATURE:	/ALLISON B DAVIS/
DATE SIGNED:	08/01/2017

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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Title of Invention	A NUCLEAR REACTOR AND A METHOD OF HEAT TRANSFER FROM A CORE
As the below named	l inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred	BUSHIKI KAISHA TOSHIBA I to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 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, th and in all foreign co other relevant Interr interest in and to at	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 he full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national 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, mewals thereof.
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respecting said invectorinuation, substitution all of said Letters possible to aid said	the tent 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 ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.
I hereby acknown 1001 by fine or imp	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.
LEGAL NAME OF	FINVENTOR
Inventor: Rei KI	MURA Date: July, 7, 20/7
Signature: Zau	MURA Date: July, 7, 2017

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

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1001 by fine or imp	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Taishi	YOSHIDA Date: July 14, 2017
Signature:	Taishi Yoshirda

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(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 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: Satoshi WADA Date: July 7, 20/7		
Signature: A. Wada .		

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LEGAL NAME O	·
Inventor: Yoshire	Date: July 7 2017
Signature: Y.	

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LEGAL NAME OF INVENTOR
Inventor: Yoshihiro HYODO Date: July 7, 2017
Signature: Y. Hyodo

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LEGAL NAME OF INVENTOR	
Inventor: Kunio HOSHINO Date: July . 7. 2017	
Signature: K. Hoshina	

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LEGAL NAME OF INVENTOR
Inventor: Ryosuke MIURA Date: July 10, 2017
Signature: R. Miura

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

PATENT REEL: 043158 FRAME: 0743

RECORDED: 08/01/2017