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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	TA			
		Name	Execution Date	
YASUYUKI NISHIBAYASHI			02/19/2015	
MASAHIRO YAMAZAKI			02/23/2015	
YOICHI MORISHIMA			02/27/2015	
IKUYA AOYAMA			02/23/2015	
YUSUKE DOI			02/19/2015	
FUMIAKI KANAYAMA			02/19/2015	
NORITAKA DEGUCHI			02/20/2015	
			J	
RECEIVING PARTY DAT	ГА			
Name:	KABUSHIK	(I KAISHA TOSHIBA		
Street Address:	1-1, SHIBA	URA 1-CHOME, MINATO-KU		
City:	ΤΟΚΥΟ	ΤΟΚΥΟ		
State/Country:	JAPAN			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number: 1463		31044		
CORRESPONDENCE DA	ATA			
Fax Number:	(70:	3)413-2220		
Fax Number: Correspondence will be	(70: sent to the	e e-mail address first; if that is unsuce		
Fax Number: Correspondence will be	(703 sent to the provided; if	e e-mail address first; if that is unsuce that is unsuccessful, it will be sent vi		
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	(703 e sent to the provided; if (703 mka OBI	e e-mail address first; if that is unsuce that is unsuccessful, it will be sent vi 3) 413-3000 assaye@oblon.com		
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	(703 e sent to the provided; if (703 mka OBI 194	e e-mail address first; if that is unsuce that is unsuccessful, it will be sent vi 3) 413-3000 assaye@oblon.com LON, ET AL.		
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Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	(703 sent to the provided; if (703 mka OBI 194 ALE	e e-mail address first; if that is unsuce that is unsuccessful, it will be sent via 3) 413-3000 assaye@oblon.com LON, ET AL. 0 DUKE STREET EXANDRIA, VIRGINIA 22314		
Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	(703 sent to the provided; if (703 mka OBI 194 ALE	e e-mail address first; if that is unsuce that is unsuccessful, it will be sent via 3) 413-3000 assaye@oblon.com LON, ET AL. 0 DUKE STREET EXANDRIA, VIRGINIA 22314 449268US20RDASSIGNMENT		

PATENT REEL: 035582 FRAME: 0160

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

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

ENERGY MANAGEMENT DEVICE, ENERGY MANAGEMENT SYSTEM, Invention AND ENERGY MANAGEMENT METHOD

As the below named inventor, I hereby declare that:

This declaration [] The attached application, or

Title of

is directed to: \Box United States application or PCT international application number 14/631,044filed on February 25, 2015

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 a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, 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 assignce 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: <u>Yasuyuki NISHIBAYASHI</u> Date: <u>Yacuyuki Wishilayoveh</u> Signature:	Feb. 19, 2015

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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LEGAL NAME OF INVENTOR

Masahiro YAMAZAKI

Date: Feb , 23. 2015

Signature: masuhio

Inventor:

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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LEGAL NAME OF INVENTOR	
Inventor: Yoichi MORISHIMA Signature: Moistine	Date: <u>Forb, 27-11, 20/5</u>

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LEGAL NAME OF INVENTOR
Inventor: Ikuya AOYAMA Date:

Date: Feb. 23, 20/5

Sterra avana Signature:

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LEGAL NAME OF INVENTOR	
Inventor: Yusuke DOI	Dato: Feb 19, 2015
Signature:	Pri '
V ·	

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

ALEXANDRIA, VIRGINIA 22314

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LEGAL NAM	IE OF INVENTOR		
Inventor:	Fumiaki KANAYAMA	Date: Feb. 19,2015	
Signature:	Finiati Kanayama,		

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Inventor:	Noritaka DEGUCHI	Date: Feb. 20, 2015
Signature:	noutaba Degachi	

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RECORDED: 05/07/2015