02/11/2016 503685894

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3732530

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUYOSHI SAITO	12/21/2015
TOMIO ONO	12/21/2015
SHIGEYA KIMURA	12/28/2015
JUMPEI TAJIMA	12/28/2015
KENTARO MIURA	12/21/2015
SHINTARO NAKANO	12/28/2015
YUYA MAEDA	12/22/2015

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15019091

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	467079US20RD
NAME OF SUBMITTER:	KRISTIN NEWETT
SIGNATURE:	/Kristin Newett/
DATE SIGNED:	02/11/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 037701 FRAME: 0458

503685894

Total Attachments: 7 source=467079US20RDASN#page1.tif source=467079US20RDASN#page2.tif source=467079US20RDASN#page3.tif source=467079US20RDASN#page4.tif source=467079US20RDASN#page5.tif source=467079US20RDASN#page6.tif source=467079US20RDASN#page6.tif

invention	SEMICONDUCTOR LIGHT EMITTING	3 DEVICE
As the below name	ed inventor, I hereby declare that:	
This declaration [S	The attached application, or	
is directed to:	United States application or PCT international filed on	***************************************
The above-identific	ed application was made or authorized to be made	e by me.
I believe that I am	the original inventor or an original joint inventor	of a claimed invention in the application.
(hereinafter referre	of acquiring the entire right, title and interest is	ss at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, n and to said invention and in and to any Letters territorial possessions and in any and all foreign
acknowledged, and said ASSIGNEB, the and in all foreign conter relevant Inter- interest in and to a	I for other good and valuable consideration, I, be full and exclusive right to the said invention is countries (including the right to claim priority unconstional Treaties and Arrangements from the afany and all Letters Patent which may be granted any and all foreign countries and in and to	OLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions der the terms of the International Convention and oresaid application) and the entire right, title and of therefor in the United States and its territorial pany and all divisions, reissues, continuations,
any and all foreign assignee of my ent (his) successors an	n countries to issue any and all of said Letters I ire right, title and interest in and to the same, for	e United States and its territorial possessions and Patent, when granted, to said ASSIGNEE as the or the sole use and behoof of said ASSIGNEE, its said Letters Patent may be granted, as fully and ent and sale not been made.
respecting said in continuation, substall of said Letters possible to aid said	vention, and testify in any legal proceeding, itute, renewal and reissue applications, execute a Patent to be issued to said ASSIGNEE, make	r its (his) representatives any facts known to me sign all lawful papers, execute all divisional, all necessary assignment papers to cause any and all rightful oaths, and, generally do everything to obtain and enforce proper protection for said my and all foreign countries.
I hereby acknow by fine or imprison	rledge that any willful false statement made in th ment of not more than five (5) years, or both.	is declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR	
Inventor: Nobuyo	oshi SAITO	Date: December 21,2015
Signature: 77	olomoki Sata	

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

Invention	SEMICUNDUCTOR LIGHT EMITTING DE	EVICE
As the below name	d inventor, I hereby declare that:	
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is directed to:	United States application or PCT international applified on	
The above-identifie	d application was made or authorized to be made by a	me.
I believe that I am t	he original inventor or an original joint inventor of a	claimed invention in the application.
	ushiki Kaisha Toshiba	
Japan, is desirons	I to as "ASSIGNEE") having places of business at: of acquiring the entire right, title and interest in and granted therefore in the United States and its territe	to said invention and in and to any Letters
acknowledged, and said ASSIGNEE, the and in all foreign or other relevant Inter- interest in and to a	ORE, in consideration of the sum of FIVE DOLL, for other good and valuable consideration, I, by the se full and exclusive right to the said invention in the matries (including the right to claim priority under the national Treaties and Arrangements from the aforesa my and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	se presents do sell, assign and transfer unto United States and its territorial possessions to terms of the International Convention and id application) and the entire right, title and refor in the United States and its territorial
any and all foreign assignee of my enti (his) successors and	ze and request the Patent Office Officials in the Unit countries to issue any and all of said Letters Paten re right, title and interest in and to the same, for the I assigns, to the full end of the term for which said would have been held by me had this Assignment an	t, when granted, to said ASSIGNEE as the sole use and behoof of said ASSIGNEE, its Letters Patent may be granted, as fully and
respecting said inv continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (rention, and testify in any legal proceeding, sign tute, renewal and reissue applications, execute all ne Patent to be issued to said ASSIGNEE, make all re I ASSIGNEE, its (his) successors and assigns, to obtain the tited States and its territorial possessions and in any are	all lawful papers, execute all divisional, cessary assignment papers to cause any and ightful oaths, and, generally do everything tain and enforce proper protection for said
	ledge that any willful false statement made in this dec ment of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Tomio	ONC	Date: Dec. 21, 2015
Signature: N	Tamia Ona	

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Invention	SEMICONDUCTOR LIGHT EMITTING DEVICE
As the below name	d inventor, I hereby declare that:
This declaration \boxtimes	The attached application, or
is directed to:	United States application or PCF international application number
The above-identific	d 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 referre	nushiki Kaisha Toshiba d to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and said ASSIGNEE, the and in all foreign coother 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 he full and exclusive right to the said invention in the United States and its territorial possessions numbers (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 any 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.
any and all foreign assignce of my enti (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and 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 would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substi- all of said Letters possible to sid 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, inte, 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 I 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.
	dedge 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 OF	INVENTOR
Inventor: Shigey	······································
Signature: /	(D. is eas a Roman of

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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Invention SEMICONDUCTOR LIGHT EMITTING DEVICE
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 filed on
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,
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: Jumpei TAHMA Date: December 28, 20/5
Signature Questo Italiana

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
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Title of Invention	SEMICONDUCTOR LIGHT EMITTING	DEVICE
As the below name	d inventor, I bereby declare that:	
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The above-identifie	ed application was made or authorized to be made t	ry me.
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acknowledged, and said ASSIGNEE, it and in all foreign co other relevant Inter interest in and to a	FORE, in consideration of the sum of FiVE DOI for other good and valuable consideration, I, by the full and exclusive right to claim priority under matienal Treaties and Arrangements from the aforemy and all Letters Patent which may be granted to any and all foreign countries and in and to a mewals thereof.	these presents do sell, assign and transfer unto the United States and its territorial possessions r the terms of the International Convention and asaid application) and the entire right, title and therefor in the United States and its territorial
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I hereby acknow by fine or imprisons	dedge that any willful fulse statement made in this ment of not more than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Kentare	MIURA	Date: December 21, 2015
Signature: Ken	tano Miura	***************************************

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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LEGAL NAME OF	INVENTOR
Inventor: Shintare	
Signature 24	Partaga Makazar

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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	dedge 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 OF	FINVENTOR
Inventor: Yaya M	AEDA Date: <u>Dec. 22, 2015</u>
Signature:	Yuva Marda

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

PATENT REEL: 037701 FRAME: 0466

RECORDED: 02/11/2016