PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROMITSU SHIRAISHI	08/20/2015

RECEIVING PARTY DATA

Name:	TOSHIBA LIGHTING & TECHNOLOGY CORPORATION	
Street Address:	1-201-1, FUNAKOSHI-CHO	
City:	YOKOSUKA-SHI, KANAGAWA-KEN	
State/Country:	JAPAN	
Postal Code:	237-8510	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14770619

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	08/26/2015

Total Attachments: 2

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> **PATENT** REEL: 036429 FRAME: 0006 503453684

COMBINED PATENT DECLARATION AND ASSIGNMENT

発明の名称 TITLE OF INVENTION:	LIGHTING DEVICE			
DECLARATION				
下記発明者である私は、つぎのことがらを宣誓します。 As a below named inventor, I hereby declare that:				
本宣誓は * This declaration is directed to:	添付されている、あるいは The attached application, or			
	米国出願、あるいはに出願されたPCT国際出願番号 Zとして出願されているものに宛でられています。 United States application or PCT international application numberPCT/IP2013/072448filed onAugust 22, 2013			
上記の出願は私自身、あるいは私が権限を授与したものによって行われたものです。 • The above-identified application was made or authorized to be made by me.				
私は本出願書中にあらわれるもともとの発明者、あるいはもともとの共同発明者です。 * I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
本宣誓書において故意に虚偽の申し立てを行った場合は18 U.S.C. 1001 により、罰金あるいは最高五(5)年の禁固刑、あるいはその両方による罰則の対象となることを認めます。 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.				
ASSIGNMENT				
WHEREAS, I, as a below named Inventor/Assignor, have Invented the above invention.				
WHEREAS, Toshiba Lighting & Technology Corporation, a corporation, and having its offices and a place of business at 1-201-1, Funakoshi-cho, Yokosuka-shi, Kanagawa, Japan, is desirous of acquiring the entire right, title				

and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOMITMAY CONCERN, be it known that, for good and valuable consideration, including salary and/or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment.

> PATENT REEL: 036429 FRAME: 0007

Attorney Docket No. Applicant Docket No. TLG2013510

I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

INVENTOR/ASSIGNOR:	
Legal Name: Hiromitsu SHIRAISHI	Citizenship: Japan
Residence (City, State, Province): Kanagawa-ken, Japan	
Signature: Firomitsu Shiraishi	°1 5. 8. 2 0 Date:

RECORDED: 08/26/2015

PATENT REEL: 036429 FRAME: 0008