

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
<b>CONVEYING PARTY DATA</b>																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KEN TAKAHASHI</td> <td>10/16/2013</td> </tr> <tr> <td>OSAMU ONO</td> <td>10/16/2013</td> </tr> <tr> <td>SHUSUKE MORITA</td> <td>10/16/2013</td> </tr> <tr> <td>MASAHIRO YOKOTA</td> <td>10/16/2013</td> </tr> <tr> <td>NOBUO KAWAMURA</td> <td>10/16/2013</td> </tr> <tr> <td>TAKESHI OOKAWA</td> <td>10/16/2013</td> </tr> <tr> <td>HIDEMI MATSUDA</td> <td>10/16/2013</td> </tr> <tr> <td>HIDEO OOTA</td> <td>10/16/2013</td> </tr> <tr> <td>TAKASHI NISHIMURA</td> <td>10/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	KEN TAKAHASHI	10/16/2013	OSAMU ONO	10/16/2013	SHUSUKE MORITA	10/16/2013	MASAHIRO YOKOTA	10/16/2013	NOBUO KAWAMURA	10/16/2013	TAKESHI OOKAWA	10/16/2013	HIDEMI MATSUDA	10/16/2013	HIDEO OOTA	10/16/2013	TAKASHI NISHIMURA	10/16/2013
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<b>RECEIVING PARTY DATA</b>																					
Name:	KABUSHIKI KAISHA TOSHIBA																				
Street Address:	1-1, SHIBAURA 1-CHOME																				
City:	MINATO-KU, TOKYO																				
State/Country:	JAPAN																				
Postal Code:	105-8001																				
<b>PROPERTY NUMBERS Total: 1</b>																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14104533</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14104533																
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Application Number:	14104533																				
<b>CORRESPONDENCE DATA</b>																					
Fax Number:	(703)413-2220																				
Phone:	703-413-3000																				
Email:	jtuncay@oblon.com																				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																					
Correspondent Name:	OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTA																				
Address Line 1:	1940 DUKE STREET																				
Address Line 4:	ALEXANDRIA, VIRGINIA 22314																				

OP \$40.00 14104533

ATTORNEY DOCKET NUMBER:	426261US
NAME OF SUBMITTER:	JILL H. TUNCAY
Signature:	/Jill H. Tuncay/
Date:	12/12/2013
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ASSIGNMENT

5ZG063474-USA-A  
(12S0721P)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

LIGHTING DEVICE

have sold and assigned and do hereby sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a Japanese corporation, having a business address at  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)  executed concurrently herewith  
 executed on \_\_\_\_\_ ;  
 Application No. 14/104,533 , filed December 12, 2013 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA  
22314

ASSIGNMENT

5ZG063474-USA-A  
(12S0721P)

[1st Inventor]

Residence Address: Kumagaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Ken Takahashi

Ken Takahashi

October 16, 2013

Date:

[2nd Inventor]

Residence Address: Fukaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Osamu Ono

Osamu Ono

October 16, 2013

Date:

[3rd Inventor]

Residence Address: Fukaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Shusuke Morita

Shusuke Morita

October 16, 2013

Date:

[4th Inventor]

Residence Address: Fukaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Masahiro Yokota

Masahiro Yokota

October 16, 2013

Date:

[5th Inventor]

Residence Address: Kumagaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Nobuo Kawamura

Nobuo Kawamura

October 16, 2013

Date:

ASSIGNMENT

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[6th Inventor]

Residence Address: Kumagaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Takeshi Ookawa

Takeshi Ookawa

October 16, 2013

Date:

[7th Inventor]

Residence Address: Toda-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Hidemi Matsuda

Hidemi Matsuda

October 16, 2013

Date:

[8th Inventor]

Residence Address: Tokyo, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Hideo Oota

Hideo Oota

October 16, 2013

Date:

[9th Inventor]

Residence Address: Fukaya-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Takashi Nishimura

Takashi Nishimura

October 16, 2013

Date: