

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Noriyuki Kitamura</td> <td>08/31/2012</td> </tr> <tr> <td>Yuji Takahashi</td> <td>08/31/2012</td> </tr> <tr> <td>Hirokazu Otake</td> <td>08/31/2012</td> </tr> </tbody> </table>	Name	Execution Date	Noriyuki Kitamura	08/31/2012	Yuji Takahashi	08/31/2012	Hirokazu Otake	08/31/2012	
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Noriyuki Kitamura	08/31/2012								
Yuji Takahashi	08/31/2012								
Hirokazu Otake	08/31/2012								
RECEIVING PARTY DATA									
Name:	TOSHIBA LIGHTING & TECHNOLOGY CORPORATION								
Street Address:	1-201-1, Funakoshi-cho								
City:	Yokosuka-shi, Kanagawa-ken								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13608460</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13608460					
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Application Number:	13608460								
CORRESPONDENCE DATA									
Fax Number:	2028243001								
Phone:	202-824-3000								
Email:	STully@bannerwitcoff.com, ptopat@bannerwitcoff.com								
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Correspondent Name:	BANNER & WITCOFF, LTD. ATTORNEYS FOR CLI								
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-4051								
ATTORNEY DOCKET NUMBER:	032847.00008								
NAME OF SUBMITTER:	C. Andy Mu								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13608460

ASSIGNMENT

WHEREAS, 1) Noriyuki KITAMURA of Kanagawa-ken, Japan  
2) Yuji TAKAHASHI of Kanagawa-ken, Japan  
3) Hirokazu OTAKE of Kanagawa-ken, Japan

hereinafter (collectively) referred to as the Assignor(s), have invented certain new and useful improvements in

"LIGHTING POWER SOURCE AND LUMINAIRE"

for which an application for Letters Patent of the United States has been prepared,

☒ the Declaration for said application executed on even date herewith;  
☒ said application having been filed in the United States Patent and Trademark Office on  
September 10, 2012 and accorded Serial Number 13/608,460, and was amended on \_\_\_\_\_  
(if applicable);  
☐ said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_ and  
accorded Application No. \_\_\_\_\_, the United States of America being designated;

WHEREAS, TOSHIBA LIGHTING & TECHNOLOGY CORPORATION  
a Japanese corporation, having a business address at 1-201-1,  
Funakoshi-cho, Yokosuka-shi, Kanagawa-ken, Japan

hereinafter referred to as the Assignee(s), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States which may be granted therefor;

NOW THEREFORE, for good and valuable consideration the Assignor(s) by these presents do sell, assign, and transfer unto the Assignee(s), its successors, legal representatives and assigns, the full and exclusive right to the invention as described in said 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 and to any and all divisions, reissues, continuations and extensions thereof;

AND said Assignor(s) authorizes and requests the Commissioner of Patents and Trademarks to issue all said Letters Patent to said Assignee;

AND said Assignor(s) warrant and covenant that I/We have full right to convey the entire interest herein assigned and that I/We have not executed and will not execute any instrument or assignment in conflict herewith;

AND said Assignor(s) agree to communicate to said Assignee(s) or its representatives any facts known to me/us respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States when requested so to do by said Assignee.

Client Reference No.: TLG2012086

AND the undersigned hereby grant(s) the firm of Banner & Witcoff, LTD 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 United States Patent and Trademark Office for recordation of this document

IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal.

Date: AUG. 3 1. 2012

Signature: Noriyuki Kitamura  
Name: Noriyuki KITAMURA

Date: AUG. 3 1. 2012

Signature: Yuji Takahashi  
Name: Yuji TAKAHASHI

Date: AUG. 3 1. 2012

Signature: Hirokazu Otake  
Name: Hirokazu OTAKE