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Form 1595 (Rev. 09/04) RECORDATION FORM COVER SHEET U.S. Department of Commerce Patent and Trademark Office <u>PATENTS ONLY</u>							
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.							
YAMAMOTO, JUNICHIRO HIRAGA, AIKO WADA, ASUKA TANAKA, TOSHIYA SAKAI, MAKOTO OSAWA, SHIGERU		2.	Name/address of receiving Party(ies): <u>TOSHIBA LIGHTING &amp;</u> <u>TECHNOLOGY CORPORATION</u> 1-201-1, FUNAKOSHI-CHO, YOKOSUKA-SHI, KANAGAWA, JAPAN				
Application number(s) or paten A. Patent Application No. (s)	t number(s):		I name(s)/address(es) of receiving parties hed?  Ves  No Patent No. ( s)				
29/341,865		р.					
Additional nun	ibers attached?		Yes 🗵 No				
<ul> <li>5. Name and address of party to whom Correspondence concerning document should be mailed:</li> <li>J. C. Patents         <ul> <li>4, Venture Suite 250</li> <li>Irvine, CA. 92618</li> <li>Tel: (949) 660-0761</li> <li>Fax: (949) 660-0809</li> <li>E-mail: jcpi@msn.com</li> </ul> </li> </ul>		6.	Total No. of applications and patents involved: ONE(1)				
		⊠Au □En¢	Total fee (37 CFR §3.41): <u>\$40.00</u> thorized to be charge by credit card uthorized to be charge to deposit account closed <u>one required (government interest not affecting title</u> <b>Payment Information</b> a. Credit Card Last Numbers				
tty Docket No.: JCLA32088-DS			Authorized User Name <u>Jiawei Huang</u>				
Statement and Signature:	I	· · · ·					
-			; information is true and correct and any Total number of page:				

Jiawei Huang Name of Person Signing Registration No. 43,330

4		$ \supset $	8-13-2009
$\mathcal{T}$	Signature	$\neg U$	Date

Total number of pages including cover sheet, attachments, and documents:  $\underline{3}$ 

## PATENT REEL: 023084 FRAME: 0230

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TLG200939 JCLA32088-DS

### ASSIGNMENT

WHEREAS, 1. Junichiro Yamamoto 3. Asuka Wada 5. Makoto Sakai Aiko Hiraga
 Toshiya Tanaka
 Shigeru Osawa

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title:

#### Light emitting diode lamp

[ ] Filed:

Serial No.

[X] Executed concurrently with the execution of this instrument

#### WHEREAS, TOSHIBA LIGHTING & TECHNOLOGY CORPORATION of 1-201-1, Funakoshi-cho, Yokosuka-shi, Kanagawa, Japan

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

-1-

#### PATENT REEL: 023084 FRAME: 0231

TLG200939 JCLA32088-DS

# ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

chird for anut Date Vil, 29. 2009 Signature:

First Joint Inventor:

Junichiro Yamamoto

diraga Date Jul, 29.2009 Signature:

Second Joint Inventor: Aiko Hiraga

and Date Jul. 29. 2009. Signature:

Third Joint Inventor:

Asuka Wada

Taraker Date July . 29. Tashija Signature:

Fourth Joint Inventor: Toshiva Tanaka

2009

Date Jul. 29. 2009 Signature:

Fifth Joint Inventor:

Makoto Sakai

Date Jul 28 2007 higher Usawa Signature:

-2-

Sixth Joint Inventor:

Shigeru Osawa

PATENT REEL: 023084 FRAME: 0232

#### J.C. PATENTS 4 VENTURE, SUITE 250 IRVINE, CALIFORNIA 92618 TEL.: (949) 660-0761 FAX: (949) 660-0809 E-MAIL: jcpi@email.msn.com

## CERTIFICATE OF TRANSMISSION

# August 13, 2009 Atty Docket No. : JCLA32088-DS Appl. No. : 20/341.865

Ally Dockel No.	•	JCLA52000-D5
Appl. No.	:	29/341,865
Filing Date	:	August, 13, 2009
Pages	:	Cover + 3

#### **BY FACSIMILE ONLY**

Fax No.	:	571-273-0140
Attention	:	MAIL STOP Assignment Commissioner for Patents
From	:	Jiawei Huang, Reg. No. 43,330
MESSAGE	:	Enclosed herewith is a Recordation Cover Sheet with Assignment in 3
		pages.

Sir:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on <u>August 13, 2009</u> at the above indicated fax number.

Sign by chelle Chang

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**RECORDED: 08/13/2009** 

## PATENT REEL: 023084 FRAME: 0233