Docket No.: JCLA33064-DS

Form 1595 (Rev. 09/04) RECORDATION FORM	COVER SHEET U.S. Department of Commerce Patent and Trademark Office
PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Names(s) WADA, ASUKA Nov. 5, 2009 HIRAGA, AIKO Nov. 4, 2009	(1) TOSHIBA LIGHTING & TECHNOLOGY CORPORATION 1-201-1, FUNAKOSHI-CHO, YOKOSUKA-SHI, KANAGAWA, JAPAN
3. Nature of conveyance: ⊠ Assignment ☐ Merger ☐ Security Agreement ☐ Other ☐ Change of Name ☐ Reassignment	(2) KABUSHIKI KAISHA TOSHIBA 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN Add'I name(s)/address(es) of receiving parties Attached? □ Yes ☑ No
Application number(s) or patent number(s): A. Patent Application No. (s) 29/352,813	B. Patent No. (s)
Additional numbers attached?	☐ Yes 図 No
 Name and address of party to whom Correspondence concerning document should be mailed: 	6. Total No. of applications and patents involved: ONE(1)
J. C. Patents 4, Venture Suite 250 Irvine, CA. 92618 Tel: (949) 660-0761 Fax: (949) 660-0809 E-mail: jcpi@msn.com	7. Total fee (37 CFR §3.41): \$40.00 □ Authorized to be charge by credit card □ Authorized to be charge to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last Numbers □ Expiration Date □ □ □ □
Atty Docket No.: JCLA33064-DS	b. Deposit Account Number 50-0710 Authorized User Name Jiawei Huang
9. Statement and Signature:	
To the best of my knowledge and belief, the for attached copy is a true copy of the original doct	
Jiawei Huang Name of Person Signing Registration No. 43,330 Signature	Date Total number of pages including cover sheet, attachments, and documents: 3

PATENT REEL: 023721 FRAME: 0220

ASSIGNMENT

WHEREAS, 1. Asuka Wada

2. Aiko Hiraga

2

4.

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

f 1-201-1, Funakoshi-cho, Yokosuka-shi, Kanagawa, Japan

WHEREAS,

KABUSHIKI KAISHA TOSHIBA

of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 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.

ASSIGNMENT CONTINUED

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

Signature: asha anda_	Date
First Joint Inventor: Asuka Wada	
Signature: <u>Wko hinaga</u> Second Joint Inventor: Aiko Hiraga	
Second Joint Inventor: Aiko Hiraga	/
Signature:	Date
Third Joint Inventor:	
Signature:	Date
Fourth Joint Inventor:	