

PATENTS

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

<p>1. Name of conveying party(ies) with the execution date:</p> <p><b>KAZUO EGAWA</b>, August 05, 2005  <b>TAKAYOSHI MORIYAMA</b>, August 05, 2005  <b>MASAMI IWAMOTO</b>, August 05, 2005  <b>MASAHIRO TODA</b>, August 05, 2005</p>	<p>2. Name/address of receiving Party(ies)</p> <p><b>TOSHIBA LIGHTING &amp; TECHNOLOGY CORPORATION</b></p> <p>3-1, HIGASHISHINAGAWA 4-CHOME, SHINAGAWA-KU, TOKYO, JAPAN</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Security Agreement  <input type="checkbox"/> Merger      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Reassignment      <input type="checkbox"/> Other</p>	<p>Add'l names of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being file together with a new application, the execution date of the application is <u>August 05, 2005</u>.</p>	
<p>A. Patent Application No. (s)</p> <p>/</p> <p>Additional number attached?</p>	<p>B. Patent No.(s)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>J. C. Patents</b>  <b>4 Venture, Suite 250</b>  <b>Irvine, CA 92618</b>  <b>(949) 660-0761</b></p>	<p>6. Total No. of applications and patents involved:</p> <p>ONE ( 1 )</p> <p>7. Total fee(37CFR§3.41): \$ 40.00</p> <p><input type="checkbox"/> Authorized to be charged by credit card  <input type="checkbox"/> Authorized to be charge to deposit account  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____  Expiration Date _____</p> <p>b. Deposit Account Number <u>50-0710</u>  Authorized User Name <u>Jiawei Huang</u></p>
<p>Atty Docket No.: JCLA17749-DS</p> <p>9. Statement and Signature:</p> <p>To the best of my knowledge and belief, the forging information is true and Correct and any attached copy is a true copy of the original document.</p> <p>Jiawei Huang            8/26/2005</p> <p>Name of person Signing      Signature      Date</p> <p>Registration No. 43,330</p> <p>Total number of pages including cover sheet, attachments, and documents: 3</p>	

# ASSIGNMENT

WHEREAS,

1. Kazuo Egawa  
3. Masami Iwamoto

2. Takayoshi Moriyama  
4. Masahiro Toda

hereinafter referred to as ASSIGNORS, 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 on: Serial No.

☒ Executed concurrently with the execution of this instrument

WHEREAS, **TOSHIBA LIGHTING & TECHNOLOGY CORPORATION**  
of 3-1, Higashishinagawa 4-Chome, Shinagawa-Ku, Tokyo, Japan

hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNORS' 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, Assignors have signed their name(s) on the date(s) indicated.

Signature: Kazuo Egawa Date 05. Aug. 2005

First Joint Inventor: **Kazuo Egawa**

Signature: T. Moriyama Date AUG. 5. 2005

Second Joint Inventor: **Takayoshi Moriyama**

Signature: Masami Iwamoto Date August 5, 2005

Third Joint Inventor: **Masami Iwamoto**

Signature: Masahiro Toda Date August 5, 2005

Fourth Joint Inventor: **Masahiro Toda**

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Fifth Joint Inventor: