

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>TOMOHIRO SANPEI</td> <td>11/19/2007</td> </tr> <tr> <td>YUMIKO HAYASHIDA</td> <td>11/19/2007</td> </tr> <tr> <td>MASAHIRO IZUMI</td> <td>11/19/2007</td> </tr> <tr> <td>KIYOSHI OTANI</td> <td>11/19/2007</td> </tr> <tr> <td>YUTAKA HONDA</td> <td>11/19/2007</td> </tr> <tr> <td>SHINJI NOGI</td> <td>11/19/2007</td> </tr> </tbody> </table>		Name	Execution Date	TOMOHIRO SANPEI	11/19/2007	YUMIKO HAYASHIDA	11/19/2007	MASAHIRO IZUMI	11/19/2007	KIYOSHI OTANI	11/19/2007	YUTAKA HONDA	11/19/2007	SHINJI NOGI	11/19/2007
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<table border="1"> <tr> <td>Name:</td> <td>TOSHIBA LIGHTING & TECHNOLOGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>3-1, HIGASHISHINAGAWA 4-CHOME</td> </tr> <tr> <td>Internal Address:</td> <td>SHINAGAWA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>140-8640</td> </tr> </table>		Name:	TOSHIBA LIGHTING & TECHNOLOGY CORPORATION	Street Address:	3-1, HIGASHISHINAGAWA 4-CHOME	Internal Address:	SHINAGAWA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	140-8640		
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PROPERTY NUMBERS Total: 1															
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Application Number:	13449513														
CORRESPONDENCE DATA															
Fax Number:	(703)773-5200														
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OP \$40.00 13449513

NAME OF SUBMITTER:

Ava M. Dixon

Total Attachments: 2

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ASSIGNMENT

TLG200739
(07S1235-1)

In consideration of value received, I, having a mailing address at
c/o TOSHIBA LIGHTING & TECHNOLOGY CORPORATION, 3-1,
Higashishinagawa 4-chome, Shinagawa-ku, Tokyo 140-8640 Japan, and a residence
as stated below next to 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:

ILLUMINATION DEVICE WITH SEMICONDUCTOR LIGHT-EMITTING ELEMENTS

said application having been filed on November 29, 2007
and assigned Application No. : 11/947,073
sell and assign to
TOSHIBA LIGHTING & TECHNOLOGY CORPORATION
a corporation of Japan, having a business address at
3-1, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo 140-8640 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 application for United States patent : (check one)

☒ [X] executed concurrently herewith;
☐ [] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all
divisions, reissues, continuations, substitutions 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 proceeding, sign all lawful papers, execute all divisional,
continuing, 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 in all countries.

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.

DLA Piper US LLP, 1775 Wiehle Avenue Suite 400 Reston, Virginia 20190-5159

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TLG200739

(0781235-1)

Inventor: (Signature)	Date	Residence
<u>Tomohiro Sanpei</u> Tomohiro Sanpei	<u>NOV. 19, 2007</u>	<u>Yokosuka-shi, Japan</u>
<u>Yumiko Hayashida</u> Yumiko Hayashida	<u>NOV. 19, 2007</u>	<u>Yokosuka-shi, Japan</u>
<u>Masahiro Izumi</u> Masahiro Izumi	<u>NOV. 19, 2007</u>	<u>Fujisawa-shi, Japan</u>
<u>Kiyoshi Otani</u> Kiyoshi Otani	<u>NOV. 19, 2007</u>	<u>Yokosuka-shi, Japan</u>
<u>Yutaka Honda</u> Yutaka Honda	<u>NOV. 19, 2007</u>	<u>Yokohama-shi, Japan</u>
<u>Shinji Negi</u> Shinji Negi	<u>NOV. 19, 2007</u>	<u>Tokyo, Japan</u>