

## 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>Junya TAKAKURA</td> <td>07/20/2012</td> </tr> <tr> <td>Yoshie IMAI</td> <td>07/20/2012</td> </tr> <tr> <td>Toshimitsu KANEKO</td> <td>07/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Junya TAKAKURA	07/20/2012	Yoshie IMAI	07/20/2012	Toshimitsu KANEKO	07/20/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-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>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
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CORRESPONDENCE DATA											
<p>Fax Number: 7038164100</p> <p>Phone: 703-816-4000</p> <p>Email: jam@nixonvan.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: NIXON &amp; VANDERHYE, PC</p> <p>Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22203</p>											
ATTORNEY DOCKET NUMBER:	MJS-4813-131										
NAME OF SUBMITTER:	Michael J. Shea										
<p>Total Attachments: 1</p> <p>source=ASSIGNMENT#page1.tif</p>											

OP \$40.00 13561397

PATENT

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

ILLUMINATING DEVICE

relating to International Patent Application PCT/JP\_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Serial No. \_\_\_\_ / \_\_\_\_\_;

Assignee's attorney is hereby authorized to  
insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Junya Takakura</u> (Signature)	<u>Junya TAKAKURA</u> (Type Name)	<u>Jul. 20, 2012</u> (Date)
2) <u>Yoshie Imai</u> (Signature)	<u>Yoshie IMAI</u> (Type Name)	<u>Jul. 20, 2012</u> (Date)
3) <u>Toshimitsu Kaneko</u> (Signature)	<u>Toshimitsu KANEKO</u> (Type Name)	<u>Jul. 20, 2012</u> (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)