

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akiko SUZUKI</td> <td>03/02/2009</td> </tr> <tr> <td>Shinetsu FUJIEDA</td> <td>03/02/2009</td> </tr> <tr> <td>Tatsuoki KONO</td> <td>03/02/2009</td> </tr> <tr> <td>Toshihide TAKAHASHI</td> <td>03/02/2009</td> </tr> <tr> <td>Kazuaki OOTSUKA</td> <td>03/02/2009</td> </tr> <tr> <td>Hiroaki OSHIO</td> <td>03/02/2009</td> </tr> <tr> <td>Hideo TAMURA</td> <td>03/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Akiko SUZUKI	03/02/2009	Shinetsu FUJIEDA	03/02/2009	Tatsuoki KONO	03/02/2009	Toshihide TAKAHASHI	03/02/2009	Kazuaki OOTSUKA	03/02/2009	Hiroaki OSHIO	03/02/2009	Hideo TAMURA	03/02/2009
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA																
<b>Street Address:</b>	1-1-1, Shibaura, Minato-ku																
<b>City:</b>	Tokyo																
<b>State/Country:</b>	JAPAN																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12343191</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12343191												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(202)408-4400																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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<b>ATTORNEY DOCKET NUMBER:</b>	07906.0132																
<b>NAME OF SUBMITTER:</b>	B.Carson																

OP \$40.00 12343191

Total Attachments: 3  
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Attorney Docket No.:

JOINT INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

PROCESS FOR PRODUCING LIGHT-EMITTING SEMICONDUCTOR DEVICE

for which we executed an application for United States Letters Patent concurrently herewith or on December 23, 2008 or filed an application for United States Letters Patent on (Application No. 12/343,191 ); and

WHEREAS, \*\* Please see below. , a corporation of Japan , whose post office address is \*\*\* Please see below. (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 12/343,191 , filed December 23, 2008 ) the filing date and application number of said application when known.

\*\* KABUSHIKI KAISHA TOSHIBA

\*\*\* 1-1-1, Shibaura, Minato-ku, Tokyo, Japan

**PATENT**  
**REEL: 022385 FRAME: 0114**

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Name: Akiko SUZUKI  
c/o Intellectual Property Division, Toshiba Corporation,  
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Signature: *Akiko Suzuki*  
Date: March 2, 2009

**Second Assignor**

Name: Shinetsu FUJIEDA  
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Date: March 2, 2009

**Third Assignor**

Name: Tatsuoki KONO  
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Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan  
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Signature: *Tatsuoki Kono*  
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**Fourth Assignor**

Name: Toshihide TAKAHASHI  
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Citizenship: Japan  
Signature: *Toshihide Takahashi*  
Date: March 2, 2009

Attorney Docket No.:

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**Fifth Assignor**

Name: Kazuaki OOTSUKA  
Address: c/o Intellectual Property Division, Toshiba Corporation,  
1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan  
Citizenship: Japan  
Signature: *Kazuaki Ootsuka*  
Date: March 2, 2009

**Sixth Assignor**

Name: Hiroaki OSHIO  
Address: c/o Intellectual Property Division, Toshiba Corporation,  
1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan  
Citizenship: Japan  
Signature: *Hiroaki Oshio*  
Date: March 2, 2009

**Seventh Assignor**

Name: Hideo TAMURA  
Address: c/o Intellectual Property Division, Toshiba Corporation,  
1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan  
Citizenship: Japan  
Signature: *Hideo Tamura*  
Date: March 2, 2009

**Eighth Assignor**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_