

## 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>Hitoshi SHIMIZU</td><td>03/04/2011</td></tr><tr><td>Takeo KAGEYAMA</td><td>03/08/2011</td></tr><tr><td>Keishi TAKAKI</td><td>03/11/2011</td></tr><tr><td>Norihiro IWAJ</td><td>03/11/2011</td></tr></tbody></table>	Name	Execution Date	Hitoshi SHIMIZU	03/04/2011	Takeo KAGEYAMA	03/08/2011	Keishi TAKAKI	03/11/2011	Norihiro IWAJ	03/11/2011	
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>FURUKAWA ELECTRIC CO., LTD.</td></tr><tr><td>Street Address:</td><td>2-3, Marunouchi 2-chome, Chiyoda-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>100-8322</td></tr></table>	Name:	FURUKAWA ELECTRIC CO., LTD.	Street Address:	2-3, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8322	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13075302</td></tr></tbody></table>	Property Type	Number	Application Number:	13075302							
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CORRESPONDENCE DATA											
Fax Number: (703)518-5499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 7036841111											
Email: hwhite@ipfirm.com											
Correspondent Name: LOWE HAUPTMAN HAM & BERNER, LLP											
Address Line 1: 1700 DIAGONAL ROAD											
Address Line 2: SUITE 300											
Address Line 4: ALEXANDRIA, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	4554-145										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13075302

501484654

PATENT  
REEL: 026046 FRAME: 0597

## 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))

FURUKAWA ELECTRIC CO., LTD.

2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 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)

SURFACE EMITTING LASER, SURFACE EMITTING LASER ARRAY, LIGHT SOURCE,

## AND OPTICAL MODULE

relating to International Patent Application PCT/IP \_\_\_\_\_/\_\_\_\_\_ 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) Hitoshi Shimizu  
(Signature)

Hitoshi SHIMIZU

March 4, 2011  
(Date)

2) Kazzer  
(Signature)

Takeo KAGEYAMA

3 9 2014  
(Date)

3) Keishi Takaki  
(Signature)

Keishi TAKAKI

3. 11. 2011  
(Date)

4) Harishree Shi  
(Signature)

Norihito Iwai

3/11/2011  
(Date)

5) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)

## PATENT

**RECORDED: 03/30/2011**

REEL: 026046 FRAME: 0598