

## 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>Keishi TAKAKI</td> <td>01/30/2013</td> </tr> <tr> <td>Masaki FUNABASHI</td> <td>01/29/2013</td> </tr> <tr> <td>Yasumasa KAWAKITA</td> <td>01/28/2013</td> </tr> <tr> <td>Naoki TSUKIJI</td> <td>01/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Keishi TAKAKI	01/30/2013	Masaki FUNABASHI	01/29/2013	Yasumasa KAWAKITA	01/28/2013	Naoki TSUKIJI	01/30/2013
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<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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CORRESPONDENCE DATA											
<p>Fax Number: 7035185499  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841111        Email: bjhgroup@ipfirm.com        Correspondent Name: LOWE HAUPTMAN HAM &amp; BERNER, LLP        Address Line 1: 2318 Mill Road        Address Line 2: Suite 1400        Address Line 4: ALEXANDRIA, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	5195-022										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13733371

## ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                             |                         |
|-----------------------------|-------------------------|
| 1) <b>Keishi TAKAKI</b>     | 4) <b>Naoki TSUKIJI</b> |
| 2) <b>Masaki FUNABASHI</b>  |                         |
| 3) <b>Yasumasa KAWAKITA</b> |                         |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

**FURUKAWA ELECTRIC CO., LTD. having a place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**OPTICAL INTERCONNECTION SYSTEM**

(a) for which an application for United States Letters Patent was filed on January 3, 2013, and identified by United States Patent Application No. 13/733,371; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) <u>Keishi Takaki</u> Name: Keishi TAKAKI	
2) <u>M. Funabashi</u> Name: Masaki FUNABASHI	
3) <u>Y. Kawakita</u> Name: Yasumasa KAWAKITA	
4) <u>Naoki Tsukiji</u> Name: Naoki TSUKIJI	

	Date: <u>Jan. 30, 2013</u>
	Date: <u>Jan. 29, 2013</u>
	Date: <u>1/28/2013</u>
	Date: <u>Jan. 30, 2013</u>