

PATENT ASSIGNMENT COVER SHEET

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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>SHINTA KASAI</td> <td>01/27/2014</td> </tr> <tr> <td>KENGO MATSUMOTO</td> <td>01/27/2014</td> </tr> <tr> <td>HIROMI TANAKA</td> <td>01/27/2014</td> </tr> </tbody> </table>		Name	Execution Date	SHINTA KASAI	01/27/2014	KENGO MATSUMOTO	01/27/2014	HIROMI TANAKA	01/27/2014		
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<table border="1"> <tr> <td>Name:</td> <td>SUMITOMO ELECTRIC INDUSTRIES, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-33, KITAHAMA 4-CHOME, CHUO-KU</td> </tr> <tr> <td>City:</td> <td>OSAKA-SHI, OSAKA</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>541-0041</td> </tr> </table>		Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU	City:	OSAKA-SHI, OSAKA	State/Country:	JAPAN	Postal Code:	541-0041
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (202)344-8300</p> <p>Phone: 202-344-4000</p> <p>Email: kadtins@venable.com, ptomail@venable.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: VENABLE LLP</p> <p>Address Line 1: MICHAEL A. SARTORI, PH.D.</p> <p>Address Line 2: P.O. BOX 34385</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20043-9998</p>											
ATTORNEY DOCKET NUMBER:	87136-361104										
NAME OF SUBMITTER:	MICHAEL A. SARTORI, PH.D.										
Signature:	/MICHAEL A. SARTORI, PH.D./										
Date:	02/24/2014										
<p>Total Attachments: 1</p> <p>source=Assignment#page1.tif</p>											

ASSIGNMENT

Whereas, I/we,
Name

Address

1) **Shinta KASAI**

c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,
 1, Taya-cho, Sakae-ku,
 Yokohama-shi, Kanagawa 244-8588 Japan

2) **Kengo MATSUMOTO**

c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,
 1, Taya-cho, Sakae-ku,
 Yokohama-shi, Kanagawa 244-8588 Japan

3) **Hiromi TANAKA**

c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,
 1, Taya-cho, Sakae-ku,
 Yokohama-shi, Kanagawa 244-8588 Japan

hereinafter called assignor(s), have invented certain improvements in
OPTICAL TRANSMITTER

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on January 24, 2014, Serial No. 14/163665; and

Whereas

SUMITOMO ELECTRIC INDUSTRIES, LTD.
 5-33, Kitahama 4-chome, Chuo-ku,
 Osaka-shi, Osaka 541-0041 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/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 I/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, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/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.

INVENTORSDATE SIGNED

1) :

Shinta Kasai

Jan, 27, 2014

Name :

Shinta KASAI

2) :

Kengo Matsumoto

Jan. 27, 2014

Name :

Kengo MATSUMOTO

3) :

Hiromi Tanaka

Jan, 27, 2014

Name :

Hiromi TANAKA