

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYUJI AIDA	12/12/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15279399
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<b>SIGNATURE:</b>	/Jill Behr/
<b>DATE SIGNED:</b>	12/12/2016
<b>Total Attachments: 1</b>	
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## **ASSIGNMENT**

Whereas, we,

**(1) Ryuji Aida, c/o NEC Corporation, 7-1 Shiba, 5-chome, Minato-ku, Tokyo, Japan 108-8001;**

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 15/279,399, filed on September 28, 2016, entitled:

### **REDUNDANCY PROTECTION FOR RECONFIGURABLE OPTICAL ADD/DROP MULTIPLEXING (ROADM) BRANCHING UNIT**

Whereas, NEC Corporation  
7-1, Shiba 5-chome, Minato-ku,  
Tokyo, Japan 108-8001

(hereinafter called "Assignee"), desire to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in Japan.

Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in Japan as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in Japan when called upon to do so by the Assignee.

Signed and Sealed:

#### **INVENTOR 1:**

**DATE** on 2016/12/12

/Ryuji Aida/  
Ryuji Aida