

## 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>HIDEHIRO TANIGUCHI</td> <td>10/25/2013</td> </tr> <tr> <td>YUTAKA OHKI</td> <td>10/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	HIDEHIRO TANIGUCHI	10/25/2013	YUTAKA OHKI	10/25/2013						
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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</td> </tr> <tr> <td>Internal Address:</td> <td>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	Internal Address:	Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8322
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CORRESPONDENCE DATA													
<p>Fax Number: (000)000-0000</p> <p>Email: usdocket@ryuka.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: RYUKA IP LAW FIRM</p> <p>Address Line 1: 1-6-1 SHINJUKU L TOWER 22ND FLOOR</p> <p>Address Line 2: NISHI-SHINJUKU, SHINJUKU-KU</p> <p>Address Line 4: TOKYO, JAPAN 163-1522</p>													
NAME OF SUBMITTER:	ADAM S. LANGLEY												
Signature:	/Adam S. Langley/												
Date:	11/15/2013												
This document serves as an Oath/Declaration (37 CFR 1.63).													
<p>Total Attachments: 2</p> <p>source=FD-0051PCTUS_Declaration_Assignment#page1.tif</p> <p>source=FD-0051PCTUS_Declaration_Assignment#page2.tif</p>													

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**COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR §1.76) AND ASSIGNMENT**

**As the below named inventor, I hereby declare that:**

This declaration is directed to:

- ☒ The attached application, or  
☐ United States application or PCT international application No. \_\_\_\_\_  
filed on \_\_\_\_\_.

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS I, the undersigned inventor, hereafter also referred to as "assignor", have invented certain new and useful improvements described in the above identified application; and

WHEREAS, Furukawa Electric Co., Ltd. hereinafter also referred to as "assignee", whose address is 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 Japan, is desirous of acquiring the entire right, title and interest in an to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.

Legal Name of Inventor	Hidehiro TANIGUCHI		
Inventor's Signature	<i>Hidehiro Taniguchi</i>	Date	October 25, 2013

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NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.

Legal Name of Inventor	Yutaka OHKI		
Inventor's Signature		Date	Oct. 25 <sup>th</sup> , 2013