

## 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>Shuji Tomimatsu</td> <td>03/29/2012</td> </tr> <tr> <td>Daisuke Nishide</td> <td>03/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shuji Tomimatsu	03/29/2012	Daisuke Nishide	03/29/2012
Name	Execution Date						
Shuji Tomimatsu	03/29/2012						
Daisuke Nishide	03/29/2012						
RECEIVING PARTY DATA							
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City:	Chiyoda-ku, Tokyo						
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Postal Code:	1008322						
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>13499908</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13499908		
Property Type	Number						
Application Number:	13499908						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Jessica H. Bui, Esq.						
Signature:	/Jessica H. Bui/						
Date:	05/14/2013						
This document serves as an Oath/Declaration (37 CFR 1.63).							
Total Attachments: 1 source=assignment#page1.tif							

OP \$40.00 13499908

# 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

**Furukawa Electric Co., Ltd.**  
2-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo 1008322

(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)*

## **Method for Producing Metal Ingot, Method for Controlling Liquid Surface, and Ultrafine Copper Alloy Wire**

relating to International Patent Application PCT/JP2011/070698 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:

Application No.: Not Yet Assigned

*Any registered attorney of BUI GARCIA-ZAMOR associated with Customer No. 99,536 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).  
*(Typed Name & Signature of Inventor(s))* *(Date)* *(Typed Name & Signature of Witness(es))*

- |    |                        |                  |  |
|----|------------------------|------------------|--|
| 1) | <i>Shuji Tomimatsu</i> | <i>2012.3.29</i> |  |
|    | Shuji TOMIMATSU        |                  |  |
| 2) | <i>Daisuke Nishide</i> | <i>2012.3.29</i> |  |
|    | Daisuke NISHIDE        |                  |  |
| 3) |                        |                  |  |
| 4) |                        |                  |  |
| 5) |                        |                  |  |
| 6) |                        |                  |  |
| 7) |                        |                  |  |