

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>YOSHINORI NAGASU</td> <td>01/09/2014</td> </tr> <tr> <td>MASARU HIGUCHI</td> <td>01/09/2014</td> </tr> <tr> <td>HISAKI SAKAMOTO</td> <td>01/08/2014</td> </tr> </tbody> </table>		Name	Execution Date	YOSHINORI NAGASU	01/09/2014	MASARU HIGUCHI	01/09/2014	HISAKI SAKAMOTO	01/08/2014
Name	Execution Date								
YOSHINORI NAGASU	01/09/2014								
MASARU HIGUCHI	01/09/2014								
HISAKI SAKAMOTO	01/08/2014								
RECEIVING PARTY DATA									
Name:	FURUKAWA ELECTRIC CO., LTD.								
Street Address:	2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU								
City:	TOKYO								
State/Country:	JAPAN								
Postal Code:	100-8322								
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>14236188</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14236188				
Property Type	Number								
Application Number:	14236188								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	216-696-8730								
Email:	epas@thepatentattorneys.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	AMIN, TUROCY & WATSON, LLP								
Address Line 1:	127 PUBLIC SQUARE								
Address Line 2:	57TH FLOOR, KEY TOWER								
Address Line 4:	CLEVELAND, OHIO 44114								
ATTORNEY DOCKET NUMBER:	FD-F03025-02/FRKWP175WOUS								
NAME OF SUBMITTER:	THOMAS E. WATSON								
Signature:	/Thomas E. Watson/								

Date:

01/30/2014

Total Attachments: 4

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PATENT ASSIGNMENT

Client Docket No. _____
OC Docket No. _____

We, Yoshinori NAGASU, Masaru HIGUCHI and Hisaki SAKAMOTO ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in PCT patent application no. PCT/JP2013/052755 entitled " SUPERCONDUCTING FILM-FORMING SUBSTRATE, SUPERCONDUCTING WIRE, AND SUPERCONDUCTING WIRE MANUFACTURING METHOD" ("PCT APPLICATION"), filed February 6, 2013, which INVENTION:

- will also be filed in the United States Patent & Trademark Office as a United States patent application ("US APPLICATION") without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives of Turocy & Watson, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 23623, to insert here in parenthesis (Application No. 14/236,188, filed 01/30/2014) this US APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

FURUKAWA ELECTRIC CO., LTD., a Japanese corporation, and having a principal place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 Japan, on behalf of itself and its successors and assigns ("ASSIGNEE"), are entitled to, and are desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION, the PCT APPLICATION and the US APPLICATION (and all other applications and patents derived therefrom, such as other patent applications filed in other countries claiming priority to the PCT application, continuing or other derivative applications therefrom, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEES, the entire and exclusive rights, title and interest in the INVENTION, the PCT APPLICATION and the US APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the PCT APPLICATION and the US APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the PCT APPLICATION and the US APPLICATION (and APPLICATION DERIVATIVES).

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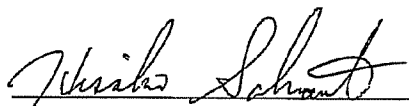
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_____ Inventor's Signature	_____ Date
Yoshinori NAGASU Printed Name in English	長洲 義則 Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
Masaru HIGUCHI Printed Name in English	樋口 優 Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>8. Jan. 2014</u> Date
Hisaki SAKAMOTO Printed Name in English	坂本 久樹 Printed Name in Native Language (if other than English)