

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROAKI RIKIHISA	04/24/2013
MASATO TACHIBANA	04/23/2013
MICHIHIRO SHIMADA	04/23/2013
KINJI ASAKA	04/26/2013
KEN MUKAI	04/26/2013
TAKUSHI SUGINO	04/26/2013
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
Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
Street Address:	3-1, KASUMIGASEKI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8921
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14454714
CORRESPONDENCE DATA	
Fax Number:	(703)518-5499
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	7036841111
Email:	bjhgroup@ipfirm.com
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Address Line 4:	ALEXANDRIA, VIRGINIA 22314
PATENT	

ATTORNEY DOCKET NUMBER:	5414-012A
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN
SIGNATURE:	/Benjamin J. Hauptman/
DATE SIGNED:	08/07/2014
Total Attachments: 6 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif source=assignment#page6.tif	

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|-----------------------------|--------------------------|
| 1) Hiroaki RIKIHISA | 4) Kinji ASAKA |
| 2) Masato TACHIBANA | 5) Ken MUKAI |
| 3) Michihiro SHIMADA | 6) Takushi SUGINO |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

FURUKAWA ELECTRIC CO., LTD. having a place of business at **2-3, Marunouchi 2-chome, Chiyoda-ku,**
Tokyo 1008322 Japan and **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND**
TECHNOLOGY having a place of business at **3-1, Kasumigaseki 1- chome, Chiyoda-ku, Tokyo 1008921**
Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

AGGREGATED THREAD STRUCTURE, PRODUCTION METHOD THEREOF, AND
ELECTRIC WIRE USING THE SAME

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Hiroaki Rikihisa
 Name: **Hiroaki RIKIHISA**

April 24 2013
 Date:

2) _____
 Name: **Masato TACHIBANA**

 Date:

3) _____
 Name: **Michihiro SHIMADA**

 Date:

Docket No.: 5414-012

4) _____
Name: **Kinji ASAKA**

Date:

5) _____
Name: **Ken MUKAI**

Date:

6) _____
Name: **Takushi SUGINO**

Date:

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SIGNED on the date indicated aside my signature:

1) _____
Name: **Hiroaki RIKIHISA**

2) *Masato Tachibana*
Name: **Masato TACHIBANA**

3) *M. Shimada*
Name: **Michihiro SHIMADA**

Date:

23/04/2013

Date:

23/04/2013

Date:

Docket No.: 5414-012

4) _____
Name: **Kinji ASAKA**

Date:

5) _____
Name: **Ken MUKAI**

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Name: **Masato TACHIBANA**

Date:

3) _____
Name: **Michihiro SHIMADA**

Date:

Docket No.: 5414-012

- 4) Kinji Asaka
Name: Kinji ASAKA
- 5) Ken Mukai
Name: Ken MUKAI
- 6) Takushi Sugino
Name: Takushi SUGINO

26 April 2013
Date:

26 April 2013
Date:

26 April 2013
Date: