

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3612499

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AKIRA TACHIBANA | 09/29/2015 |
| KENGO MITOSE | 09/29/2015 |
| CHIKANOBU IKUTA | 09/28/2015 |
| RECEIVING PARTY DATA | |
| Name: | FURUKAWA ELECTRIC CO., LTD. |
| Street Address: | 2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 1008322 |
| Name: | FURUKAWA AUTOMOTIVE SYSTEMS INC. |
| Street Address: | 1000, AMAGO, KORA-CHO, INUKAMI-GUN |
| City: | SHIGA |
| State/Country: | JAPAN |
| Postal Code: | 5220242 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14829317 |
| CORRESPONDENCE DATA | |
| Fax Number: | (314)667-3633 |
| <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: | 314-552-6000 |
| Email: | IPDOCKET@THOMPSONCOBURN.COM |
| Correspondent Name: | THOMPSON COBURN LLP |
| Address Line 1: | ONE US BANK PLAZA |
| Address Line 2: | SUITE 3500 |
| Address Line 4: | ST LOUIS, MISSOURI 63101 |
| ATTORNEY DOCKET NUMBER: | 56171-138677 |
| NAME OF SUBMITTER: | ALAN H. NORMAN |

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| SIGNATURE: | /alan h. norman/ |
| DATE SIGNED: | 11/12/2015 |
| Total Attachments: 6 source=signed_assignment_14829317#page1.tif source=signed_assignment_14829317#page2.tif source=signed_assignment_14829317#page3.tif source=signed_assignment_14829317#page4.tif source=signed_assignment_14829317#page5.tif source=signed_assignment_14829317#page6.tif | |

ASSIGNMENT

WHEREAS, we, Akira TACHIBANA of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322, JAPAN; Kengo MITOSE of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322, JAPAN; and Chikanobu IKUTA of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322, JAPAN, have invented certain new and useful improvements for a *Metal Member, A Terminal, A Wire Connecting Structure and A Method of Manufacturing A Terminal* for which we executed an application for Letters Patent in the United States identifying us as the only inventors thereof, said application being assigned serial number 14/829,317 by the U.S. Patent and Trademark Office and identified as Thompson Coburn LLP Docket 56171-138677;

WHEREAS, Furukawa Electric Co., Ltd., a corporation of Japan having its principal office and place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322, JAPAN, is desirous of acquiring one-half (50%) ownership of the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon; and

WHEREAS, Furukawa Automotive Systems Inc., a corporation of Japan having its principal office and place of business at 1000, Amago, Kora-cho, Inukami-gun, Shiga 5220242, JAPAN, is desirous of acquiring one-half (50%) ownership of the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Akira TACHIBANA, Kengo MITOSE and Chikanobu IKUTA, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Furukawa Electric Co., Ltd., its successors or assigns, one-half (50%) ownership of the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by us in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; including all priority rights and all rights to claim priority; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

Furthermore, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Akira TACHIBANA, Kengo MITOSE and Chikanobu IKUTA, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Furukawa Automotive Systems Inc., its successors or assigns, the remaining one-half (50%) ownership of the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by us in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; including all priority rights and all rights to claim priority; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Furukawa Electric Co., Ltd. and Furukawa Automotive Systems Inc. in accordance with this Assignment.

The undersigned hereby authorize and request the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agree, upon the request and at the expense of said Assignees, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agree to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignees all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignees, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

And for said consideration, the undersigned hereby assign to each of said Assignees one-half (50%) ownership of the entire right, title and interest in said invention or improvements for all foreign countries,

including all priority rights, and agree to execute, at the request of said Assignees, all documents in connection with any application for foreign Letters Patent therefor.

IN WITNESS WHEREOF, I have hereunto set my hand the 29 day of Sept., 2015.

Akira Tachibana
Akira TACHIBANA

WITNESS:

By: Sho Yoshida
Printed Name: Sho Yoshida

WITNESS:

By: Shigeki Sekiya
Printed Name: Shigeki Sekiya

IN WITNESS WHEREOF, I have hereunto set my hand the 29 day of September, 2015.

Kengo Mitose
Kengo MITOSE

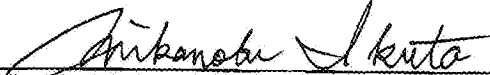
WITNESS:

By: Sho Yoshida
Printed Name: Sho Yoshida

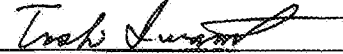
WITNESS:

By: Shigeki Sekiya
Printed Name: Shigeki Sekiya


IN WITNESS WHEREOF, I have hereunto set my hand the 28 day of September, 2015.


Chikano bu IKUTA

WITNESS:

By: 
Printed Name: Toshiyuki Iwamoto

WITNESS:

By: 
Printed Name: Itsuki Kawakami

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