504332788 04/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4379474

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHO YOSHIDA	04/19/2017
KENGO MITOSE	04/19/2017
SHIGEKI SEKIYA	04/19/2017

RECEIVING PARTY DATA

Name:	FURUKAWA ELECTRIC CO., LTD.
Street Address:	2-3 MARUNOUCHI 2-CHOME
City:	CHIYODA-KU TOKYO
State/Country:	JAPAN
Postal Code:	100-8322
Name:	FURUKAWA AUTOMOTIVE SYSTEMS INC.
Street Address:	1000, AMAGO, KORA-CHO, INUKAMI-GUN,
City:	SHIGA
State/Country:	JAPAN
Postal Code:	522-0242

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15493869

CORRESPONDENCE DATA

Fax Number: (216)579-6073

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.

Phone: 216-579-1700

Email: mlaskey@pearne.com

Correspondent Name: PEARNE & GORDON LLP

Address Line 1: 1801 EAST 9TH STREET

Address Line 2: SUITE 1200

Address Line 4: CLEVELAND, OHIO 44114-3108

ATTORNEY DOCKET NUMBER: EINS-57492

NAME OF SUBMITTER: BRYAN M. GALLO

PATENT 504332788 REEL: 042093 FRAME: 0517

SIGNATURE:	/bryanmgallo/
DATE SIGNED:	04/21/2017
Total Attachments: 3	
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PATENT REEL: 042093 FRAME: 0518

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket No.: EINS-57492

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

Covered Wire, Covered Wire With Terminal, Wire Harness And Method Of Manufacturing Covered Wire

(check	only one item below)
[]	attached hereto,
OR	
[X]	filed on November 6, 2015 as United States Application Number or PCT International Application Number $\underline{PCT/JP2015/081342}$.

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified 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, new and useful improvements have been made by the undersigned as described in the above-identified application.

WHEREAS, Furukawa Electric Co., Ltd. having a place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-8322 Japan and Furukawa Automotive Systems Inc. having a place of business at 1000, Amago, Koura-cho, lnukami-gun, Shiga 522-0242 Japan, hereafter referred to as "assignees", are desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be

PATENT REEL: 042093 FRAME: 0519 granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Sho Yoshida

Signature of Inventor: The Foshiole

Date: April 19, 2017

[X] Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Additional Inventor(s)

Legal Name of Inventor: Kengo Mitose

Signature of Inventor: Kenga Mittal

Date: 19, 2017

Legal Name of Inventor: Shigeki Sekiya

Signature of Inventor: higeki Sekiya

Date: April 19, 2017