

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3853912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUKIHIRO KAWAMURA	04/26/2016
TAKASHI TONOIKE	04/26/2016
TAKAHITO NAKASHIMA	04/06/2016
HIROSHI KOBAYASHI	04/06/2016
HIROYASU TAGA	04/06/2016
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, KOURA-CHO
City:	INUKAMI-GUN, SHIGA
State/Country:	JAPAN
Postal Code:	522-0242
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15029044
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<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:	(703) 413-3000

PATENT

Email:	mvukovic@oblon.com
Correspondent Name:	OBLON, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	464189US8XPCT
--------------------------------	---------------

NAME OF SUBMITTER:	MARA VUKOVIC
---------------------------	--------------

SIGNATURE:	/Mara Vukovic/
-------------------	----------------

DATE SIGNED:	05/02/2016
---------------------	------------

	This document serves as an Oath/Declaration (37 CFR 1.63).
--	--

Total Attachments: 5

source=464189USASSN#page1.tif

source=464189USASSN#page2.tif

source=464189USASSN#page3.tif

source=464189USASSN#page4.tif

source=464189USASSN#page5.tif

464189US8X PCT

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) 1) Yukihiro KAWAMURA of 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan
2) Takashi TONOIKE of 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan

_____, respectively.

INSERT TITLE OF
INVENTION

have invented certain new and useful improvements in: CRIMP-CONNECTION STRUCTURAL BODY, WIRE
HARNESS, METHOD OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY, AND DEVICE OF
MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY

(Application No. 15/029,044, filed April 13, 2016), and

1.) FURUKAWA ELECTRIC CO., LTD. 2.) FURUKAWA AUTOMOTIVE SYSTEMS INC. and

WHEREAS, 3.) TOYOTA JIDOSHA KABUSHIKI KAISHA

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1.) 2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 1008322 Japan; 2.) 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan; and 3.) 1, Toyota-cho,
Toyota-shi, Aichi-ken, 471-8571 Japan is desirous of acquiring the entire right, title and interest in and to said
invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial
possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
possessions and in all foreign countries (including the right to claim priority under the terms of the International
Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the
entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and
its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues,
continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,
its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Apr. 26, 2016

Yukihiro Kawamura
(Signature of Inventor) Yukihiro KAWAMURA

Date: April 26th, 2016

Takashi Tonoike
(Signature of Inventor) Takashi TONOIKE

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	CRIMP-CONNECTION STRUCTURAL BODY, WIRE HARNESS, METHOD OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY, AND DEVICE OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2014/077347</u> filed on <u>October 14, 2014</u>	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, 1.) FURUKAWA ELECTRIC CO., LTD. 2.) FURUKAWA AUTOMOTIVE SYSTEMS INC. and 3.) TOYOTA JIDOSHA KABUSHIKI KAISHA	
(hereinafter referred to as "ASSIGNEES") having places of business at: 1.) 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 Japan; 2.) 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan; and 3.) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, 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 by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: Takahito NAKASHIMA	Date: April 6, 2016
Signature: <u>Takahito Nakashima</u>	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	CRIMP-CONNECTION STRUCTURAL BODY, WIRE HARNESS, METHOD OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY, AND DEVICE OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2014/077347</u> filed on <u>October 14, 2014</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, 1.) FURUKAWA ELECTRIC CO., LTD. 2.) FURUKAWA AUTOMOTIVE SYSTEMS INC. and 3.) TOYOTA JIDOSHA KABUSHIKI KAISHA (hereinafter referred to as "ASSIGNEES") having places of business at: 1.) 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 Japan; 2.) 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan; and 3.) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, 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 by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Hiroshi KOBAYASHI</u>	Date: <u>April 6, 2016</u>
Signature: <u>Hiroshi Kobayashi</u>	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	CRIMP-CONNECTION STRUCTURAL BODY, WIRE HARNESS, METHOD OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY, AND DEVICE OF MANUFACTURING CRIMP-CONNECTION STRUCTURAL BODY
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or</p> <p>is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2014/077347</u> filed on <u>October 14, 2014</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, 1.) FURUKAWA ELECTRIC CO., LTD. 2.) FURUKAWA AUTOMOTIVE SYSTEMS INC. and 3.) <u>TOYOTA JIDOSHA KABUSHIKI KAISHA</u> (hereinafter referred to as "ASSIGNEES") having places of business at: <u>1.) 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 Japan; 2.) 1000, Amago, Koura-cho, Inukami-gun, Shiga 5220242 Japan; and 3.) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan</u>, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, 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 by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Hiroyasu TAGA</u>	Date: <u>April 6, 2016</u>
Signature: <u>Hiroyasu Taga</u>	