

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6953772

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROKI KOBAYASHI	09/26/2021
HAJIME KAWASE	09/15/2021
MASAAKI TABATA	09/15/2021
TERUO HARA	09/14/2021
HAJIME MATSUI	09/14/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AUTONETWORKS TECHNOLOGIES, LTD.
<b>Street Address:</b>	1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI
<b>City:</b>	MIE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	510-8503
<b>Name:</b>	SUMITOMO WIRING SYSTEMS, LTD.
<b>Street Address:</b>	1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI
<b>City:</b>	MIE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	510-8503
<b>Name:</b>	SUMITOMO ELECTRIC INDUSTRIES, LTD.
<b>Street Address:</b>	5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	541-0041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17601660
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	2129499022

PATENT

<b>Email:</b>	csstein@lawabel.com
<b>Correspondent Name:</b>	ABELMAN FRAYNE & SCHWAB/LEE
<b>Address Line 1:</b>	666 THIRD AVENUE, 10TH FLOOR
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10017

<b>ATTORNEY DOCKET NUMBER:</b>	SWS-21092US/217376
--------------------------------	--------------------

<b>NAME OF SUBMITTER:</b>	CHARLES S. STEIN
---------------------------	------------------

<b>SIGNATURE:</b>	/Charles S. Stein/
-------------------	--------------------

<b>DATE SIGNED:</b>	10/05/2021
---------------------	------------

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

**Total Attachments: 4**

source=SWS-21092US\_Decl\_Assignment#page1.tif

source=SWS-21092US\_Decl\_Assignment#page2.tif

source=SWS-21092US\_Decl\_Assignment#page3.tif

source=SWS-21092US\_Decl\_Assignment#page4.tif

## DECLARATION AND ASSIGNMENT

Title of Invention:

**JOINT CONNECTOR**

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application (Attorney Docket Number \_\_\_\_\_), or

☒ United States application or PCT international application number \_\_\_\_\_  
PCT/JP2020/015214 filed on April 02, 2020.

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.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION"));

Whereas, AUTONETWORKS TECHNOLOGIES, LTD., a corporation of Japan having a place of business at 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan, SUMITOMO WIRING SYSTEMS, LTD., a corporation of Japan having a place of business at 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan, and SUMITOMO ELECTRIC INDUSTRIES, LTD. a corporation of Japan having a place of business at 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE,

its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

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: **Hiroki KOBAYASHI**

Signature: Hiroki Kobayashi Date: September 26, 201

Legal Name of Inventor: **Hajime KAWASE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of Inventor: **Masaaki TABATA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of Inventor: **Teruo HARA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of Inventor: **Hajime MATSUI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## DECLARATION AND ASSIGNMENT

Title of Invention:

**JOINT CONNECTOR**

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application (Attorney Docket Number \_\_\_\_\_), or

☒ United States application or PCT international application number \_\_\_\_\_  
PCT/JP2020/015214 filed on April 02, 2020.

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.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, AUTONETWORKS TECHNOLOGIES, LTD., a corporation of Japan having a place of business at 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan, SUMITOMO WIRING SYSTEMS, LTD., a corporation of Japan having a place of business at 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan, and SUMITOMO ELECTRIC INDUSTRIES, LTD. a corporation of Japan having a place of business at 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE,

its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

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: **Hiroki KOBAYASHI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of Inventor: **Hajime KAWASE**

Signature: Hajime Kawase Date: September 15, 2021

Legal Name of Inventor: **Masaaki TABATA**

Signature: Masaaki Tabata Date: September 15, 2021

Legal Name of Inventor: **Teruo HARA**

Signature: Teruo Hara Date: September 14, 2021

Legal Name of Inventor: **Hajime MATSUI**

Signature: Hajime Matsui Date: September 14, 2021