PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOSUKE SONE	06/22/2018
KAZUYOSHI OHARA	06/22/2018

RECEIVING PARTY DATA

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Postal Code:	510-8503
Name:	SUMITOMO WIRING SYSTEMS, LTD.
Street Address:	1-14 NISHISUEHIRO-CHO
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Postal Code:	510-8503
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16084443

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505099747 REEL: 046901 FRAME: 0569

PATENT

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ATTORNEY DOCKET NUMBER:	265681-432918	
NAME OF SUBMITTER:	JOHN CHAU	
SIGNATURE:	/John Chau/	
DATE SIGNED:	09/18/2018	

Total Attachments: 2

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> PATENT REEL: 046901 FRAME: 0570

ASSIGNMENT

WHEREAS, we, Kosuke Sone and Kazuyoshi Ohara (hereinafter referred to as Assignors), residing at 1-14 Nishisuehiro-cho, Yokkaichi, Mie, 510-8503, JAPAN; invented certain new and useful SUPPORT MEMBER for which we executed an application for a United States Patent and for which said application for United States Patent was filed on September 12, 2018, under

☐ Patent Application Serial No	16/084,443
☐ Attorney Docket No.: 265681	-432918 (FPCT18-193US):

WHEREAS, the ASSIGNORS hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on behalf of AutoNetworks Technologies, Ltd., Sumitomo Wiring Systems, Ltd., and Sumitomo Electric Industries, Ltd., in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, AutoNetworks Technologies, Ltd., a Limited Liability Company organized under and pursuant to the laws of Japan having its principal place of business at 1-14 Nishisuehiro-cho, Yokkaichi, Mie, 510-8503, JAPAN; Sumitomo Wiring Systems, Ltd., a Limited Liability Company organized under and pursuant to the laws of Japan having its principal place of business at 1-14 Nishisuehiro-cho, Yokkaichi, Mie, 510-8503, JAPAN and Sumitomo Electric Industries, Ltd., a Limited Liability Company organized under and pursuant to the laws of Japan having its principal place of business at 5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 JAPAN, collectively hereinafter called the ASSIGNEES, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNORS to assign all rights to the above referenced application to the ASSIGNEES, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNORS hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEES, its successors and assigns, as the assignees of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEES and the ASSIGNEES' successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals,

Attorney Docket No: 265681-432918 Client's Reference: FPCT18-193US re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNORS had this assignment not been made;

ASSIGNORS hereby authorize said ASSIGNEES, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNORS hereby agree that, upon request, ASSIGNORS will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEES, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNORS:

Date: Jule 42, 2018 Signature: Kosuke Sone

Date: June 22. 2018 Signature: Kazuyoshi Ohara

Kazuyoshi Ohara

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Attorney Docket No: 265681-432918 Client's Reference: FPCT18-193US