PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUSHI KUSAWAKE	06/26/2019
SHINTARO NANBARA	06/26/2019
YUSAKU MAEDA	06/26/2019

RECEIVING PARTY DATA

Name:	AUTONETWORKS TECHNOLOGIES, LTD.
Street Address:	1-14 NISHISUEHIRO-CHO
City:	YOKKAICHI, MIE
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Street Address:	1-14 NISHISUEHIRO-CHO
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Postal Code:	510-8503
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City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0041

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16488699		

CORRESPONDENCE DATA

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PATENT

505639281 REEL: 050164 FRAME: 0688

	SUITE 200 KALAMAZOO, MICHIGAN 49002-0402			
ATTORNEY DOCKET NUMBER:	265681-447865			
NAME OF SUBMITTER:	JOHN CHAU			
SIGNATURE:	/John Chau/			
DATE SIGNED:	08/26/2019			

Total Attachments: 2

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PATENT REEL: 050164 FRAME: 0689

ASSIGNMENT

	WHER	EAS,	we,	Kazush	i Kusa	wake, Sh	intaro	Nanbara,	and Yu	saku Ma	eda (h	nereina	fter
referre	d to as A	Assign	ors),	residin	g at 1.	-14 Nishis	suehiro-	cho, Yok	kaichi,	Mie, 510	-8503	, JAPA	۱N;
invente	ed certain	n new	and	useful	REAC	CTOR for	which	we execu	ited an	applicati	on for	a Un	ited
States	Patent	and	for	which	said	applicati	on for	United	States	Patent	was	filed	on
Aug	ust 26, 2	019	, ι	under									

☐ Patent Application Serial No.	10/400,099
☐ Attorney Docket No.: 265681-	-447865 (FPCT19-169US);

Detect Acceliantian Carial Na. 16/499 (00

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 Nishisuehirocho, 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, reexaminations, extensions and reissues thereof;

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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, reexaminations, 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:

June 26,	2019
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Date

June 26, 2017

Date

June 26, 2019

kazushi kusaivake

Kazushi Kusawake

Ynsalan Maeda.

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Attorney Docket No: 265681-447865 Client's Reference: FPCT19-169US

エラー! プロパティ名に誤りがあります。