505529709 06/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5576506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUICHI KODAMA	05/20/2019

RECEIVING PARTY DATA

Name:	AUTONETWORKS TECHNOLOGIES, LTD.		
Street Address:	1-14 NISHISUEHIRO-CHO		
City:	YOKKAICHI, MIE		
State/Country:	JAPAN		
Postal Code:	510-8503		
Name:	SUMITOMO WIRING SYSTEMS, LTD.		
Street Address:	1-14 NISHISUEHIRO-CHO		
City:	YOKKAICHI, MIE		
State/Country:	JAPAN		
Postal Code:	510-8503		
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
Street Address:	5-33 KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI		
City:	OSAKA		
State/Country:	JAPAN		
Postal Code:	541-0041		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16470579	

CORRESPONDENCE DATA

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505529709 REEL: 049495 FRAME: 0337

PATENT

ATTORNEY DOCKET NUMBER:	265681-447706
NAME OF SUBMITTER:	JOHN CHAU
SIGNATURE:	/John Chau/
DATE SIGNED:	06/18/2019
Total Attachments: 2	

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PATENT REEL: 049495 FRAME: 0338

ASSIGNMENT

WHER	EAS, I, Yuich	ni Kodama (h	ereinafter referred	to as ASSIC	GNOR), resi	iding at 1-14
Nishisuehiro-ch	o, Yokkaichi,	Mie, 510-850	3, JAPAN; invente	ed certain ne	w and usefu	d VEHICLE-
TO-VEHICLE	COMMUNICA	ATION SYST	TEM, ROADSIDE	COMMUNI	CATION A	PPARATUS,
IN-VEHICLE	COMMUN	ICATION	APPARATUS,	AND V	EHICLE-T	O-VEHICLE
COMMUNICA	TION METHO	OD for which	I executed an appl	ication for a	United Stat	es Patent and
for which said a	application for	United States	Patent was filed or	June 18,	2019	_, under

☐ Patent Application Serial No.	16/470,579
☐ Attorney Docket No.: <u>265681</u> -	.447706 (FPCT19-101US);

WHEREAS, the ASSIGNOR 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 *ASSIGNOR* 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, *ASSIGNOR* hereby sells, assigns and transfers 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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Attorney Docket No: 265681-447706 Client's Reference: FPCT19-101US ASSIGNOR hereby authorizes and requests 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 ASSIGNOR had this assignment not been made;

ASSIGNOR 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

ASSIGNOR hereby agree that, upon request, ASSIGNOR 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.

ASSIGNOR:

Date

Yuichi Kodama

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Attorney Docket No: 265681-447706 Client's Reference: FPCT19-101US