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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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YUYA FUKAMI	06/19/2020
DAISUKE EBATA	06/18/2020
RYUTA TAKAKURA	06/19/2020
MASAKI MIZUSHITA	06/19/2020
TETSUYA NISHIMURA	06/19/2020
HARUKA NAKANO	06/18/2020
HOUSEI MIZUNO	06/19/2020

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16960409

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DATE SIGNED:	07/07/2020

Total Attachments: 11

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COMBINED INVENTOR'S DECLARATION AND ASSIGNMENT

DECLARATION

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Authorization to Permit Access to Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

Direct Correspondence to: CUSTOMER NUMBER 07055

At: Greenblum & Bernstein, P.L.C. 1950 Roland Clarke Place Reston, VA 20191

Direct Telephone Calls to: Greenblum & Bernstein, P.L.C. (703) 716-1191

ASSIGNMENT

WHEREAS, Kenta ARAI, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuchiro-cho, Yokkaichi-shi, Mic 5108503, JAPAN, Yuya FUKAMI, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, Daisuke EBATA, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkeichi-shi, Mie 5108503, JAPAN, Ryuta TAKAKURA, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, Masaki MIZUSHITA, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, Tetsuya NISHIMURA, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., I-14, Nishisuehiro-cho, Yokkaichi-shi, Mic 5108503, JAPAN, Haruka NAKANO, a resident of Japan, whose mailing address is c/o Sumitomo Wiring Systems, Ltd., 1-14. Nishisuchiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, and Housei MIZUNO, a resident of Japan, whose malling address is c/o AutoNetworks Technologies, Ltd., 1-14, Nishisuchiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

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for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the practitioners of record in this application associated with Customer No. 07055 including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No.________, filed_______) the filing date and application number of said application when known.

AND WHEREAS, AutoNetworks Technologies, Ltd., Sumitomo Wiring Systems, Ltd., and SUMITOMO ELECTRIC INDUSTRIES, LTD., a corporation organized and existing under the laws of Japan, whose mailing address is 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503, JAPAN, and 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041, JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignce acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

First Witness:	
(Name)	
(Date)	A A
•	Kenta ARAI
	Kenta ARAI
	Date June. 18th, 2020.
Second Witness:	
(Name)	4
(Date)	

First Witness:	
(Name)	
(Date)	Y. Fu fami
	Yuya FUKAMI
Second Witness:	Date June 19, 2020
(Name)	
(Thate)	

First Witness:	
(Name)	
(Date)	Palsuke EBATA
	Daisuke EBATA
Second Witness:	Date June 18, 2020
(Name)	
(Date)	

First Witness:	
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(Date)	Ryuto TAKAKURA
	Ryuta TAKAKURA
Second Witness:	Dale June 19, 2020
(Name)	
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First Witness:	
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(Date)	Mosake MIZUSHITA
	Masaki MIZUSHITA
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First Witness:	
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First Witness:	
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	Hapulan Nolano
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Second Witness:	Date
gecond without	Tune. 18.2.20
(Name)	
(Date)	

First Witness:	
(Name)	
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	Housei Mizuno
	Housei MIZUNO
	June 19, 2020
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(Date)	

RECORDED: 07/07/2020