

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7313524

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yusuke YAMAMOTO	06/10/2021
Koichi TAKAYAMA	06/10/2021
Hideyuki TANAKA	06/14/2021
Tatsuya IZUMI	06/14/2021
Junji YANO	06/21/2021
Tadashi MATSUMOTO	06/23/2021
Takeshi HAGIHARA	06/29/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17437027

CORRESPONDENCE DATA

PATENT

Fax Number: (703)836-2787

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.

Phone: 703-836-6400

Email: email@oliff.com

Correspondent Name: JOHN A. RADI

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	197347
--------------------------------	--------

NAME OF SUBMITTER:	KIMBERLY SCOTT
---------------------------	----------------

SIGNATURE:	/Kimberly C. Scott/ for John A. Radi
-------------------	--------------------------------------

DATE SIGNED:	05/04/2022
---------------------	------------

Total Attachments: 4

source=9463752_1#page1.tif

source=9463752_1#page2.tif

source=9463752_1#page3.tif

source=9463752_1#page4.tif

**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))
For Application with Filing Date on or after September 16, 2012**

**ASSIGNMENT
(Three Assignees)**

	Insert	(1) Yusuke YAMAMOTO	(2) Koichi TAKAYAMA
(1-8)	Legal Name(s) of Inventor(s)	(3) Hideyuki TANAKA	(4) Tatsuya IZUMI
		(5) Junji YANO	(6) Yasuhiro YABUCHI
		(7) Tadashi MATSUMOTO	(8) Takeshi HAGIHARA

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First Assignee	(9A) SUMITOMO ELECTRIC INDUSTRIES, LTD.
(10A)	Insert Address of First Assignee	(10A) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN
(9B)	Insert Name of Second Assignee	(9B) SUMITOMO WIRING SYSTEMS, LTD.
(10B)	Insert Address of Second Assignee	(10B) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN
(9C)	Insert Name of Third Assignee	(9C) AUTONETWORKS TECHNOLOGIES, LTD.
(10C)	Insert Address of Third Assignee	(10C) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11)	Insert Identification such as Title, Case Number, or Foreign or International Application Number	(11) MANAGEMENT DEVICE, VEHICLE COMMUNICATION SYSTEM, VEHICLE, VEHICLE COMMUNICATION MANAGEMENT DEVICE, VEHICLE COMMUNICATION MANAGEMENT PROGRAM PCT/JP2019/041016 (Attorney Docket No. <u>197347</u>), filed on even date herewith or as
(12)	Alternative Identification for filed applications	(12) U.S. Application Number <u>17/437,027</u> filed <u>September 7, 2021</u>

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date June 10, 2021 Inventor Signature Yusuke Yamamoto (SEAL)
Yusuke YAMAMOTO

Date June 10, 2021 Inventor Signature Koichi Takayama (SEAL)
Koichi TAKAYAMA

Date June 14, 2021 Inventor Signature Hideyuki Tanaka (SEAL)
Hideyuki TANAKA

Date June 14, 2021 Inventor Signature Tatsuya Izumi (SEAL)
Tatsuya IZUMI

Date June 21, 2021 Inventor Signature Junji Yano (SEAL)
Junji YANO

Date _____ Inventor Signature _____ (SEAL)
Yasuhiro YABUUCHI

Date _____ Inventor Signature _____ (SEAL)
Tadashi MATSUMOTO

Date _____ Inventor Signature _____ (SEAL)
Takeshi HAGIHARA

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____ Witness _____

Date _____ Witness _____

**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))
For Application with Filing Date on or after September 16, 2012**

**ASSIGNMENT
(Three Assignees)**

Insert	(1)	<u>Yusuke YAMAMOTO</u>	(2)	<u>Koichi TAKAYAMA</u>
(1-8) Legal Name(s) of Inventor(s)	(3)	<u>Hideyuki TANAKA</u>	(4)	<u>Tatsuya IZUMI</u>
	(5)	<u>Junji YANO</u>	(6)	<u>Yasuhiro YABUUCHI</u>
	(7)	<u>Tadashi MATSUMOTO</u>	(8)	<u>Takeshi HAGIHARA</u>

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee	(9A)	<u>SUMITOMO ELECTRIC INDUSTRIES, LTD.</u>
(10A) Insert Address of First Assignee	(10A)	<u>5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN</u>
(9B) Insert Name of Second Assignee	(9B)	<u>SUMITOMO WIRING SYSTEMS, LTD.</u>
(10B) Insert Address of Second Assignee	(10B)	<u>1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN</u>
(9C) Insert Name of Third Assignee	(9C)	<u>AUTONETWORKS TECHNOLOGIES, LTD.</u>
(10C) Insert Address of Third Assignee	(10C)	<u>1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN</u>

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign or International Application Number	(11)	<u>MANAGEMENT DEVICE, VEHICLE COMMUNICATION SYSTEM, VEHICLE, VEHICLE COMMUNICATION MANAGEMENT DEVICE, VEHICLE COMMUNICATION MANAGEMENT PROGRAM</u>
		<u>PCT/JP2019/041016</u>
		(Attorney Docket No. <u>197347</u>), filed on even date herewith or as
(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>17/437,027</u> filed <u>September 7, 2021</u>

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of **OLIFF PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____ Inventor Signature _____ (SEAL)
Yusuke YAMAMOTO

Date _____ Inventor Signature _____ (SEAL)
Koichi TAKAYAMA

Date _____ Inventor Signature _____ (SEAL)
Hideyuki TANAKA

Date _____ Inventor Signature _____ (SEAL)
Tatsuya IZUMI

Date _____ Inventor Signature _____ (SEAL)
Junji YANO

Date _____ Inventor Signature _____ (SEAL)
Yasuhiro YABUUCHI

Date June 23, 2021 Inventor Signature Tadashi Matsumoto (SEAL)
Tadashi MATSUMOTO

Date June 29, 2021 Inventor Signature Hagihara Takeshi (SEAL)
Takeshi HAGIHARA

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____ Witness _____

Date _____ Witness _____