

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4995851

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yutaka TAKATA	05/18/2018
Takehiro HOSOKAWA	06/01/2018
Tatsuya HASE	05/28/2018
Naoyuki OSHIUMI	05/29/2018
Takuya YAMASHITA	05/28/2018
Makoto MIZOGUCHI	05/18/2018
Koichi YOSHIDA	05/17/2018
Kenichi KOMIYA	05/17/2018
Takashi ARAI	05/17/2018
Yuji SHITARA	05/17/2018
Kazuhiro YAGISHITA	05/17/2018

RECEIVING PARTY DATA

Name:	Autonetworks Technologies, Ltd.
Street Address:	1-14, Nishisuehiro-cho
City:	Yokkaichi-shi, Mie
State/Country:	Japan
Postal Code:	510-8503
Name:	Sumitomo Wiring Systems, Ltd.
Street Address:	1-14, Nishisuehiro-cho
City:	Yokkaichi-shi, Mie
State/Country:	Japan
Postal Code:	510-8503
Name:	Sumitomo Electric Industries, Ltd.
Street Address:	5-33, Kitahama 4-chome, Chuo-ku
City:	Osaka-shi, Osaka
State/Country:	Japan
Postal Code:	541-0041
Name:	Kyushu University
Street Address:	6-10-1 Hakozaki, Higashi-ku
City:	Fukuoka-shi, Fukuoka

PATENT

State/Country:	Japan
Postal Code:	812-8581
Name:	JXTG NIPPON OIL & ENERGY CORPORATION
Street Address:	1-2, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8162

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16060136

CORRESPONDENCE DATA

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: JAMES A. OLIFF

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	181363
NAME OF SUBMITTER:	PAMELA BALLARD
SIGNATURE:	/Pamela Ballard/
DATE SIGNED:	06/07/2018

Total Attachments: 9

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

**ASSIGNMENT
(Five Assignees)**

Insert (1-8) Legal Name(s) of Inventor(s)	(1) <u>Yutaka TAKATA</u> (3) <u>Tatsuya HASE</u> (5) <u>Takuya YAMASHITA</u> (7) <u>Koichi YOSHIDA</u> (9) <u>Takashi ARAI</u> (11) <u>Kazuhiro YAGISHITA</u>	(2) <u>Takehiro HOSOKAWA</u> (4) <u>Naoyuki OSHIUMI</u> (6) <u>Makoto MIZOGUCHI</u> (8) <u>Kenichi KOMIYA</u> (10) <u>Yuji SHITARA</u> (12) _____
-------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

(13A) Insert Name of First Assignee	(13A) <u>AUTONETWORKS TECHNOLOGIES, LTD.</u>
(14A) Insert Address of First Assignee	(14A) <u>1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN</u>
(13B) Insert Name of Second Assignee	(13B) <u>SUMITOMO WIRING SYSTEMS, LTD.</u>
(14B) Insert Address of Second Assignee	(14B) <u>1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN</u>
(13C) Insert Name of Third Assignee	(13C) <u>SUMITOMO ELECTRIC INDUSTRIES, LTD.</u>
(14C) Insert Address of Third Assignee	(14C) <u>5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN</u>
(13D) Insert Name of Fourth Assignee	(13D) <u>KYUSHU UNIVERSITY</u>
(14D) Insert Address of Fourth Assignee	(14D) <u>6-10-1 Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 812-8581, JAPAN</u>
(13E) Insert Name of Fourth Assignee	(13E) <u>JXTG NIPPON OIL & ENERGY CORPORATION</u>
(14E) Insert Address of Fourth Assignee	(14E) <u>1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008162, JAPAN</u>

(hereinafter designated as the Assignees) and Assignees' 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

(15) Insert Identification such as Title, Case Number, or Foreign Application Number	(15) <u>ANTICORROSIVE AGENT AND TERMINAL FITTED ELECTRIC WIRE</u> (Attorney Docket No. <u>181363</u>), filed on even date herewith or as
(16) Alternative Identification for filed applications	(16) U.S. Application Number _____ filed _____

- 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 Assignees 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 Assignees 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 Assignees.
- 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 Assignees, as Assignees 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.

(17) 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	<u>May 18, 2018</u>	Inventor Signature	<u>Yutaka TAKATA</u> Yutaka TAKATA	(SEAL)
Date	<u>June 1, 2018</u>	Inventor Signature	<u>Takehiro Hosokawa</u> Takehiro HOSOKAWA	(SEAL)
Date	<u>May 28, 2018</u>	Inventor Signature	<u>Tatsuya Hase</u> Tatsuya HASE	(SEAL)
Date	_____	Inventor Signature	_____ Naoyuki OSHIUMI	(SEAL)
Date	<u>May 28, 2018</u>	Inventor Signature	<u>Takuya YAMASHITA</u> Takuya YAMASHITA	(SEAL)
Date	_____	Inventor Signature	_____ Makoto MIZOGUCHI	(SEAL)
Date	_____	Inventor Signature	_____ Kotchi YOSHIDA	(SEAL)
Date	_____	Inventor Signature	_____ Kenichi KOMIYA	(SEAL)
Date	_____	Inventor Signature	_____ Takashi ARAI	(SEAL)
Date	_____	Inventor Signature	_____ Yuji SHITARA	(SEAL)
Date	_____	Inventor Signature	_____ Kazuhiro YAGISHITA	(SEAL)

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:

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

Date Inventor Signature Yutaka TAKATA (SEAL)

Date Inventor Signature Takeshi HOSHOKAWA (SEAL)

Date Inventor Signature Tatsuya HANF (SEAL)

Date May 29, 2018 Inventor Signature Naomichi OSHIUMI (SEAL)
Naomichi OSHIUMI

Date Inventor Signature Takuya YAMASHITA (SEAL)

Date Inventor Signature Makoto MIZOGUCHI (SEAL)

Date Inventor Signature Koichi YOSHIDA (SEAL)

Date Inventor Signature Kenshi KOMIYA (SEAL)

Date Inventor Signature Takashi ARAI (SEAL)

Date Inventor Signature Yuji SHIBASAKI (SEAL)

Date Inventor Signature Kazuhiko YAGISHITA (SEAL)

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Date

Witness

Date

Witness

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For Application with Filing Date on or after September 16, 2012**

**ASSIGNMENT
(Five Assignees)**

	Insert	(1)	Yutaka TAKATA	(2)	Takehiro HOSOKAWA
(1-8)	Legal Name(s) of Inventor(s)	(3)	Tatsuya HASE	(4)	Naoyuki OSHIUMI
		(5)	Takuya YAMASHITA	(6)	Makoto MIZOGUCHI
		(7)	Koichi YOSHIDA	(8)	Kenichi KOMIYA
		(9)	Takashi ARAI	(10)	Yuji SHITARA
		(11)	Kazuhiro YAGISHITA	(12)	

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(13A)	Insert Name of First Assignee	(13A)	AUTONETWORKS TECHNOLOGIES, LTD.
(14A)	Insert Address of First Assignee	(14A)	1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN
(13B)	Insert Name of Second Assignee	(13B)	SUMITOMO WIRING SYSTEMS, LTD.
(14B)	Insert Address of Second Assignee	(14B)	1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, JAPAN
(13C)	Insert Name of Third Assignee	(13C)	SUMITOMO ELECTRIC INDUSTRIES, LTD.
(14C)	Insert Address of Third Assignee	(14C)	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN
(13D)	Insert Name of Fourth Assignee	(13D)	KYUSHU UNIVERSITY
(14D)	Insert Address of Fourth Assignee	(14D)	6-10-1 Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 812-8581, JAPAN
(13E)	Insert Name of Fourth Assignee	(13E)	JKTG NIPPON OIL & ENERGY CORPORATION
(14E)	Insert Address of Fourth Assignee	(14E)	1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008162, JAPAN

(hereinafter designated as the Assignees) and Assignees' 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

(15)	Insert Identification such as Title, Case Number, or Foreign Application Number	(15)	ANTICORROSIVE AGENT AND TERMINAL FITTED ELECTRIC WIRE
		(Attorney Docket No. 181363)), filed on even date herewith or as
(16)	Alternative Identification for filed applications	(16)	U.S. Application Number
			filed

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- 6) Each undersigned hereby grants the firm of OLIVE 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.

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

Date _____ Inventor Signature _____ (SEAL)
Yutaka TAKATA

Date _____ Inventor Signature _____ (SEAL)
Takshiro HOSOKAWA

Date _____ Inventor Signature _____ (SEAL)
Tatsuya HASE

Date _____ Inventor Signature _____ (SEAL)
Naoyuki OSHIUMI

Date _____ Inventor Signature _____ (SEAL)
Takuya YAMASHITA

Date May 18, 2018 Inventor Signature *Makoto MIZOGUCHI* (SEAL)
Makoto MIZOGUCHI

Date _____ Inventor Signature _____ (SEAL)
Koichi YOSHIDA

Date _____ Inventor Signature _____ (SEAL)
Kenichi KOMIYA

Date _____ Inventor Signature _____ (SEAL)
Takashi ARAI

Date _____ Inventor Signature _____ (SEAL)
Yuji SHITARA

Date _____ Inventor Signature _____ (SEAL)
Kazuhiro YAGISHITA

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Date _____ Inventor Signature Takehiro HOSOKAWA (SEAL)

Date _____ Inventor Signature Tatsuya HASE (SEAL)

Date _____ Inventor Signature Naoyuki OSHIUMI (SEAL)

Date _____ Inventor Signature Takuya YAMASHITA (SEAL)

Date _____ Inventor Signature Makoto MIZOGUCHI (SEAL)

Date MAY, 17, 2018 Inventor Signature Koichi Yoshida (SEAL)
Koichi YOSHIDA

Date MAY, 17, 2018 Inventor Signature Kenichi Komiya (SEAL)
Kenichi KOMIYA

Date MAY, 17, 2018 Inventor Signature Takashi Arai (SEAL)
Takashi ARAI

Date MAY, 17, 2018 Inventor Signature Yuji Shitara (SEAL)
Yuji SHITARA

Date MAY, 17, 2018 Inventor Signature Kazuhiko Yagishita (SEAL)
Kazuhiko YAGISHITA

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Date MAY 17, 2018

Witness Juichi SHIBATA

Date MAY 17, 2018

Witness Teppei TSUJIMOTO