

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4723239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUO NAKASHIMA	11/10/2017
TAKEHIRO HOSOKAWA	11/13/2017
TATSUYA HASE	11/10/2017
HIROKI HIRAI	11/10/2017
JUNICHI ONO	11/16/2017
TAKUJI OOTSUKA	11/16/2017
HIDEKI NOMURA	11/16/2017
KAZUHIRO GOTO	11/14/2017
MAKOTO MIZOGUCHI	11/07/2017
KOICHI YOSHIDA	11/14/2017
KENICHI KOMIYA	11/10/2017
TAKASHI ARAI	11/14/2017
YUJI SHITARA	11/10/2017
KAZUHIRO YAGISHITA	11/10/2017

RECEIVING PARTY DATA

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Street Address:	1-14 NISHISUEHIRO-CHO
City:	YOKKAICHI, MIE
State/Country:	JAPAN
Postal Code:	510-8503
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Street Address:	5-33 KITAHAMA 4-CHOME
Internal Address:	CHUO-KU
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PATENT

Postal Code:	541-0041
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State/Country:	JAPAN
Postal Code:	812-8581
Name:	JXTG NIPPON OIL & ENERGY CORPORATION
Street Address:	1-2, OTEMACHI 1-CHOME
Internal Address:	CHIYODA-KU,
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8162

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15580437

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	8471-3173-1
NAME OF SUBMITTER:	MICHAEL C. ADAMS
SIGNATURE:	/Michael C. Adams/
DATE SIGNED:	12/07/2017

Total Attachments: 7

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ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Kazuo NAKASHIMA, of, Yokkaichi, Mie
[Full Name of Assignor #1] *[Residence Address]*

Takehiro HOSOKAWA, of, Yokkaichi, Mie
[Full Name of Assignor #2] *[Residence Address]*

Tatsuya HASE, of, Yokkaichi, Mie
[Full Name of Assignor #3] *[Residence Address]*

Hiroki HIRAI, of, Yokkaichi, Mie
[Full Name of Assignor #4] *[Residence Address]*

Junichi ONO, of, Yokkaichi, Mie
[Full Name of Assignor #5] *[Residence Address]*

Takuji OOTSUKA, of, Yokkaichi, Mie
[Full Name of Assignor #6] *[Residence Address]*

Hideki NOMURA, of, Yokkaichi, Mie
[Full Name of Assignor #7] *[Residence Address]*

Kazuhiro GOTO, of, Osaka-shi, Osaka
[Full Name of Assignor #8] *[Residence Address]*

Makoto MIZOGUCHI, of, Fukuoka-shi, Fukuoka
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Koichi YOSHIDA, of, Chiyoda-ku, Tokyo
[Full Name of Assignor #10] *[Residence Address]*

Kenichi KOMIYA, of, Chiyoda-ku, Tokyo
[Full Name of Assignor #11] *[Residence Address]*

Takashi ARAI, of, Chiyoda-ku, Tokyo
[Full Name of Assignor #12] *[Residence Address]*

Yuji SHITARA, of, Chiyoda-ku, Tokyo
[Full Name of Assignor #13] *[Residence Address]*

Kazuhiro YAGISHITA, of, Chiyoda-ku, Tokyo
[Full Name of Assignor #14] *[Residence Address]*

do hereby assign, sell and set over to:

AutoNetworks Technologies, Ltd.
[Full Legal Name of Assignee]

located at, 1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan
[Assignee's Address]

Sumitomo Wiring Systems, Ltd.
[Full Legal Name of Assignee]

located at, 1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan
[Assignee's Address]

Sumitomo Electric Industries, Ltd.

[Full Legal Name of Assignee]

located at, 5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan

[Assignee's Address]

KYUSHU UNIVERSITY

[Full Legal Name of Assignee]

located at, 6-10-1 Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 812-8581 Japan

[Assignee's Address]

JXTG NIPPON OIL & ENERGY CORPORATION

[Full Legal Name of Assignee]

located at, 1-2, Otemachi 1-chome, Chivoda-ku, Tokyo 100-8162

[Assignee's Address]

(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entire right, title and interest in the United States in and to the inventions and discoveries set forth in the application for United States Letters patent, entitled:

METAL SURFACE COATING COMPOSITION AND TERMINAL FITTED ELECTRIC WIRE

[Patent Application Title]

which can be identified as:

United States Serial No.: 15/580,437, filed December 7, 2017

including the right of said Assignee, its successors, assigns or other legal representatives to make applications, including original, continuation, and divisional applications, and to receive Letters Patent for said inventions and discoveries in the United States in its own name or names, or in our name, at its election, and we hereby assign, sell and set over to said Assignee, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in the United States.

If the patent application has been filed, we authorize any practitioner associated with Customer No. 23399 to insert the application number and filing date of said application.

We hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent in the United States of any and all kinds and to perform any and all acts which said Assignee, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Witness 1 (Optional):

Date: _____

Witness 2 (Optional):

Date: _____

Kazuo NAKASHIMA
Kazuo NAKASHIMA

Date: November 10, 2017

Takehiro Hosokawa
Takehiro HOSOKAWA

Date: November 13, 2017

Tatsuya Hase
Tatsuya HASE

Date: November 10, 2017

Hiroki Hirai
Hiroki HIRAI

Date: November 10, 2017

Junichi Ono
Junichi ONO

Date: November 16, 2017

Takuji Ootanka
Takuji OOTSUKA

Date: November 16, 2017

Hideki Nomura
Hideki NOMURA

Date: November 16, 2017

Kazuhiro GOTO

Date: _____

Makoto MIZOGUCHI

Date: _____

Koichi YOSHIDA

Date: _____

Kenichi KOMIYA

Date: _____

Takashi ARAI

Date: _____

Yuji SHITARA

Date: _____

Kazuhiro YAGISHITA

Date: _____

Junichi ONO

Date: _____

Takuji OOTSUKA

Date: _____

Hideki NOMURA

Date: _____

Kazuhiro Goto
Kazuhiro GOTO

Date: November 14, 2017

Makoto MIZOGUCHI

Date: _____

Koichi YOSHIDA

Date: _____

Kenichi KOMIYA

Date: _____

Takashi ARAI

Date: _____

Yuji SHITARA

Date: _____

Kazuhiro YAGISHITA

Date: _____

Junichi ONO

Date: _____

Takuji OOTSUKA

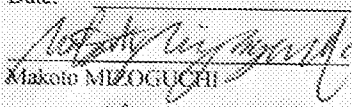
Date: _____

Hideki NOMURA

Date: _____

Kazuhiro GOTO

Date: _____


Makoto MIZOGUCHI

Date: Nov. 7, 2017

Koichi YOSHIDA

Date: _____

Kenichi KOMIYA

Date: _____

Takashi ARAI

Date: _____

Yuji SHIARA

Date: _____

Kazuhiro YAGISHITA

Date: _____

Sumitomo Electric Industries, Ltd. _____
[Full Legal Name of Assignee]

located at, 5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan _____
[Assignee's Address]

KYUSHU UNIVERSITY _____
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located at, 1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8162 Japan _____
[Assignee's Address]

(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entire right, title and interest in the United States in and to the inventions and discoveries set forth in the application for United States Letters patent, entitled:

METAL SURFACE COATING COMPOSITION AND TERMINAL FITTED ELECTRIC WIRE
[Patent Application Title]

which can be identified as:

United States Serial No.: _____, filed _____

including the right of said Assignee, its successors, assigns or other legal representatives to make applications, including original, continuation, and divisional applications, and to receive Letters Patent for said inventions and discoveries in the United States in its own name or names, or in our name, at its election, and we hereby assign, sell and set over to said Assignee, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in the United States.

If the patent application has been filed, we authorize any practitioner associated with Customer No. 23399 to insert the application number and filing date of said application.

We hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent in the United States of any and all kinds and to perform any and all acts which said Assignee, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Witness 1 (Optional):

Kiyomi Sakamoto

Date: November 14, 2017

Witness 2 (Optional):

Junichi SHIBATA

Date: Nov. 14, 2017

Kazuo NAKASHIMA

Date: _____

Takehiro HOSOKAWA

Date: _____

Tatsuya HASE

Date: _____

Hiroki HIRAI

Date: _____

Junichi GNO

Date:

Takuji OOTSUKA

Date:

Hideki NOMURA

Date:

Kazuhiro GOTO

Date:

Makoto MIZOGUCHI

Date:

Koichi Yoshida

Koichi YOSHIDA

Date:

November 14, 2017

Date:

November 10, 2017

Koichi Yoshida

Kenichi Komiya

Kenichi KOMIYA

Date:

November 10, 2017

Takashi Arai

Takashi ARAI

Date:

November 4, 2017

Date:

Yuji Shitara

Yuji SHITARA

Date:

2017.11.10 (November, 10, 2017)

Kazuhiro Yagishita

Kazuhiro YAGISHITA

Date:

November 10, 2017