

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6913950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RYO KURACHI	08/24/2021
GANG ZENG	08/19/2021
HIROAKI TAKADA	08/26/2021
HIROSHI UEDA	08/23/2021
RECEIVING PARTY DATA	
Name:	NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM
Street Address:	1, FURO-CHO, CHIKUSA-KU
City:	NAGOYA-SHI, AICHI
State/Country:	JAPAN
Postal Code:	4648601
Name:	AUTONETWORKS TECHNOLOGIES, LTD.
Street Address:	1-14, NISHISUEHIROCHO
City:	YOKKAICHI-SHI, MIE
State/Country:	JAPAN
Postal Code:	5108503
Name:	SUMITOMO WIRING SYSTEMS, LTD.
Street Address:	1-14, NISHISUEHIROCHO
City:	YOKKAICHI-SHI, MIE
State/Country:	JAPAN
Postal Code:	5108503
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	5410041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17438909

CORRESPONDENCE DATA**Fax Number:** (269)337-7701*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:** 2693377700**Email:** jbirkett@honigman.com**Correspondent Name:** HONIGMAN LLP**Address Line 1:** 650 TRADE CENTRE WAY**Address Line 2:** SUITE 200**Address Line 4:** KALAMAZOO, MICHIGAN 49002-0402

ATTORNEY DOCKET NUMBER:	266150-496413
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NAME OF SUBMITTER:	JOHN CHAU
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SIGNATURE:	/John Chau/
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DATE SIGNED:	09/13/2021
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Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, Ryo Kurachi, Gang Zeng, and Hiroaki Takada residing at c/o National University Corporation Tokai National Higher Education and Research System, 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 4648601 Japan; and Hiroshi Ueda, residing at c/o AutoNetworks Technologies, Ltd., 1-14, Nishisuehirocho, Yokkaichi-shi, Mie, 5108503, JAPAN (hereinafter referred to as Assignors) invented certain new and useful COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND MESSAGE ARBITRATION METHOD for which we executed an application for a United States Patent and for which said application for United States Patent was filed on September 13, 2021, under

Patent Application Serial No. 17/438,909

Attorney Docket No.: 266150-496413 (49599US);

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) empowered to act on behalf of **National University Corporation Tokai National Higher Education and Research System, 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, **National University Corporation Tokai National Higher Education And Research System**, a Limited Liability Company organized under and pursuant to the laws of Japan having its principal place of business at 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan; **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-shi, Mie, 5108503, 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, Nishisuehirocho, Yokkaichi-shi, Mie 5108503, 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 5410041 Japan, collectively hereinafter called the *ASSIGNEES*, are 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 *ASSIGNORS* 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, *ASSIGNORS* hereby effective as of the latest signature date below, sell, assign and transfer unto said *ASSIGNEES*, its successors and assigns, the entire right, title and interest,

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Attorney Docket No: 266150-496413
Client's Reference: 49599US

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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, re-examinations, extensions and reissues thereof;

ASSIGNORS hereby authorize and request 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, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the *ASSIGNORS* had this assignment not been made;

ASSIGNORS 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

ASSIGNORS hereby agree that, upon request, *ASSIGNORS* 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.

ASSIGNORS:

Aug. 24. 2021
Date

Date

Date

Date

倉地 亮
Ryo Kurachi

Gang Zeng

Hiroaki Takada

Hiroshi Ueda

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, re-examinations, extensions and reissues thereof;

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ASSIGNORS:

Date

August 19, 2021

Date

Ryo Kurachi

Gang Zeng

Gang Zeng

Date

Hiroaki Takada

Date

Hiroshi Ueda

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ASSIGNORS:

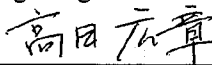
Date

Ryo Kurachi

Date

Gang Zeng

Aug. 26, 2021



Date

Hiroaki Takada

Date

Hiroshi Ueda

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Attorney Docket No: 266150-496413
Client's Reference: 49599US

40411399.1

ASSIGNMENT

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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, re-examinations, extensions and reissues thereof;

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ASSIGNORS:

Date

Ryo Kurachi

Date

Gang Zeng

Date

Hiroaki Takada

Date
Aug. 23, 2021

Hiroshi Ueda
Hiroshi Ueda