PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5451061

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOHEI AOSHIMA	03/07/2019
TOMOYUKI YOKOKAWA	03/07/2019
TSUNEARI ITO	03/15/2019
KENICHIRO OTSUKA	03/08/2019

RECEIVING PARTY DATA

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Postal Code:	244-8589
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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16294102

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 208483-0020-00-US-587473

> **PATENT REEL: 048755 FRAME: 0340**

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NAME OF SUBMITTER:	PETER J. SISTARE	
SIGNATURE:	/Peter J. Sistare/	
DATE SIGNED:	04/01/2019	
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PATENT REEL: 048755 FRAME: 0341

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	<u>Name</u>	Addr	ress
		c/o SEI Optifrontier Co., Lt	ŧd.,
1)	Yohei AOSHIMA	I, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 2	244-8589 Janan
		c/o SEI Optifrontier Co., Lt	
2)	Tomoyuki YOKOKAWA	1, Taya-cho, Sakae-ku,	
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3)	Tsuncari ITO	c/o SUMITOMO ELECTRI 5-33, Kitahama 4-chome, C	
"	1 Automit 110	Osaka-shi, Osaka 541-0041	
		c/o SUMITOMO ELECTR	
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md e	executed an application for Lett	ters Patent of the United Stat	ates of America therefor on even date herewith unless otherwise
adic	ated below:	1 6 2019	16/294/02
	filed on <u>May</u>	Ch b/2011	, Serial No. $\frac{\frac{6}{29402}}{\text{; and}}$
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		Osaka 541-0041 Japan	
		_	in the application and invention and to appr I Trited States
	· · ·	interight, the and therest h	in the application and invention, and to any United States
oaten	its to be obtained therefor;		
	NOW THEREFORE, be it kr	nown that, for good and valu	uable consideration from assignee, the receipt of which is
			d, transferred, and set over, and do hereby sell, assign, transfer,
			s, MY/OUR entire right, title, and interest in and to this
nver	ition and this application, and a	all divisions, and continuatio	ons thereof, and all Letters Patent of the United States which
nay l	be granted thereon, and all reis	sues thereof, and I/WE here	eby authorize and request the Commissioner of Patents and
rado	emarks of the United States to	issue all Letters Patent for th	his invention to assignee, its successors and assigns, in
	dance with the terms of this A		
			WE will, without further consideration, communicate with
issigi	nce, its successors and assigns	, any facts known to ME/OS	S respecting this invention and testify in any legal proceeding,
ign a	all lawful papers when called u	ipon to do so, execute and do	deliver all papers that may be necessary or desirable to perfect
he ti	tle to this invention in said assi	ignee, its successors and ass	signs, execute all divisional, continuation, and reissue
			g possible to aid assignee, its successors and assigns, to obtain
			nited States, it being understood that any expense incident to the
xeci	ution of such papers shall be be	orne by the assignee, its succ	cessors and assigns.
	In the event that the natent an	nlication filing date or seria	al number is not known at the time this Assignment is executed,
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		<u>INVENTORS</u>	<u>DATE SIGNED</u>
	\	A .11	M / M _ 10
1):	Yohei	Aushima.	March 7, 2018.

2):	Tomoyuki Tokokawa	March 7, 2019
Name:	Tomoyuki YOKOKAWA	
3):		
Name:	Tsuneari ITO	/ 6 . 7
4):	Karehn (That the	Mr. 8, 201/
Name:	Kenichiro OTSUKA	

Whereas, I/we, Name Address c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SUMTOMO ELECTRIC INDUSTRIES, LTD., 3) Tsuneari ITO S-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMTOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
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c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SUMITOMO BLECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMITOMO BLECTRIC INDUSTRIES, LTD., 4) Kenichiro OTSUKA c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SUMITOMO BLECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, 5-33, Kitahama 4-chome, Chuo-ku,	
1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SEI Optifrontier Co., Ltd., 1, Taya-cho, Sakac-ku, Yokohama-shi, Kanagawa 244-8589 Japan c/o SUMTOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMTOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMTOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku,	
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Osaka-shi, Osaka 541-0041 Japan e/o SUMITOMO ELECTRIC INDUSTRIES, LTD., S-33, Kitahama 4-chome, Chuo-ku,	
e/o SUMITOMO ELECTRIC INDUSTRIES, LTD., S-33, Kitahama 4-chome, Chuo-ku,	
Kenichiro OTSUKA 5-33, Kitahama 4-chome, Chuo-ku,	
Vorga-siti, Vorga 3-1, Vori Japun	
nd executed an application for Letters Patent of the United States of America therefor on even date herewith unless other ndicated below:	rwise
filed on March 6, 2019 , Serial No. 16/294102 ; an	ıd
Whereas	
SEI Optifrontier Co., Ltd.	
1, Taya-cho, Sakae-ku,	
Yokohama-shi, Kanagawa 244-8589 Japan	
1 Okonama-sm, Kanagawa 244-0505 Japan	
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5-33, Kitahama 4-chome, Chuo-ku,	
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States	
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;	
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is	
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;	

may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>
1):		
Name :	Yohei AOSHIMA	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

REEL: 048755 FRAME: 0344

2): Name:	Tomoyuki YOKOKAWA	published the state of the stat
	Tsuncari Ito	March 15, 2019
3): Name:	Tsuneari ITO	[*************************************
4):		
Name:	Kenichiro OTSUKA	•

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

Page 2 of 2