506429335 12/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6476102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIAKI IWAGUCHI	11/11/2020
HARUKI OKUYAMA	11/20/2020
TAKAHISA YAMAGUCHI	11/11/2020
TAKASHI FUJII	11/12/2019

RECEIVING PARTY DATA

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:	17054589

CORRESPONDENCE DATA

Fax Number: (202)204-0289

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.

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Email: dcpatentfiling@faegredrinker.com

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ATTORNEY DOCKET NUMBER:	202262-0243-00-US-000007
NAME OF SUBMITTER:	JOHN G. SMITH
SIGNATURE:	/John G. Smith/
DATE SIGNED:	12/31/2020

Total Attachments: 4

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> PATENT REEL: 054786 FRAME: 0226

ASSIGNMENT

Whereas, I/we,		
<u>Name</u>	Address	
1) Noriaki IWAGUCHI	e/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
2) Haruki OKUYAMA	c/o SUMITOMO ELECTRIC INDUSTRIBS, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
3) Takahisa YAMAGUCHI	c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
4) Takashi FUJII	e/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	

hereinafter called assignor(s), have invented certain improvements in

OPTICAL FIBER

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

November 11, 2020 , Serial No. 17/054589 filed on

Whereas

SUMITOMO ELECTRIC INDUSTRIES, LTD.

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 hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which 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 filling date and/or serial number above, and to record this Assignment after such information is added.

	INVENTORS	<u>DATE SIGNED</u>
1):	noriaki dunguchi	hovember 11, 2020
Name:	Noriaki IWAGUCHI	
2):		
Name:	Haruki OKUYAMA Takahi sa yamaguchi	
3):	Takanisa yamaguchi	November 11.2020
Name:	Takahisa YAMAGUCHI	

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

4):					
Name:	Takashi FUJII				

REEL: 054786 FRAME: 0228

ASSIGNMENT

Whereas, I/we, <u>Name</u>			
<u>Name</u>			
	Address		
4)	c/o SUMITOMO ELECTRIC INDUS	TRIES, LTD.,	
1) Noriaki IWAGUCHII	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan		
	c/o SUMITOMO ELECTRIC INDUS	TRIES LTD	77200
2) Haruki OKUYAMA	5-33, Kitahama 4-chome, Chuo-ku,		
	Osaka-shi, Osaka 541-0041 Japan		
3) Takahisa YAMAGUCE	c/o SUMITOMO ELECTRIC INDUS 11 5-33, Kitahama 4-chome, Chuo-ku,	IRIES, LTD.,	
) Takanisa TAMAGUCE	Osaka-shi, Osaka 541-0041 Japan		•
	c/o SUMITOMO ELECTRIC INDUS	FRIES, LTD.,	7,000
) Takashi FUJII	5-33, Kitahama 4-chome, Chuo-ku,		
	Osaka-shi, Osaka 541-0041 Japan		
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	for Letters Patent of the United States of A	America therefor on even date herev	with unless
therwise indicated below:	November 11, 2020 Serie	17/054589	_
filed on	, Sena	d No	; and
Whereas	CODIC DIDICAL DESCRIPTION OF THE		
	ECTRIC INDUSTRIES, LTD.		
	Kitahama 4-chome, Chuo-ku,		
	a-shi, Osaka 541-0041 Japan		~
	e the entire right, title and interest in the ap	plication and invention, and to any	United States
atents to be obtained therefore			
NOW THEREFORE,	be it known that, for good and valuable co, as assignor(s), have sold, assigned, trans	onsideration from assignee, the rece	pipt of which is
erenv ackiniwieroen izwe			
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(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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Takahisa YAMAGUCHI

Name:

4): Takashi Fujii November 12, 2020
Name: Takashi Fujii