506224670 08/27/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
MASATO SUZUKI	08/21/2020		
YUKI KAWAGUCHI	08/18/2020		
YOSHINORI YAMAMOTO	08/18/2020		
TAKEMI HASEGAWA	08/18/2020		

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
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City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0041

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	17004767			

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	PETER J. SISTARE
SIGNATURE:	/Peter J. Sistare/
DATE SIGNED:	08/27/2020

Total Attachments: 4

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> PATENT REEL: 053618 FRAME: 0340

ASSIGNMENT

Whereas, I/we, Name Address c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 1) Masato SUZUKI 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 2) Yuki KAWAGUCHI 5-33, Kitahama 4-chome, Clmo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 3) Yoshinori YAMAMOTO 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 4) Takemi HASEGAWA 5-33. Kitahama 4-chome. Chuo-ka. 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: filed on , Serial No. ; and 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 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. DATE SIGNED 1): Masato SUZUKI Name: 2): Yuki KAWAGUCHI Name:

REEL: 053618 FRAME: 0341

Yoshinori YAMAMOTO

3):

Name:

August 18, 2020

ASSIGNMENT

Whereas, I/we,	
<u>Name</u>	Address
1) Masato SUZUKI	c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan
2) Yuki KAWAGUCHI	c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan
3) Yoshinori YAMAMOTO	c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahana 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan
4) Takemi HASEGAWA	c/o SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osoko-chi, Osoko 541-0041 Janan

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:

> filed on ______, Serial No. _______; and

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

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 :	Masato SUZUKI				
2):	Yuki Kawanchi Yuki KAWAGUCHI	August 18, 2020			
Name:	Yuki KAWAGUCHI				
3):	Yoshinori YAMAMOTO	August 18, 2020			
Name :	Yoshinori YAMAMOTO	0			

4):					
Name:	Takemi HASEGAWA				,

RECORDED: 08/27/2020 REEL: 053618 FRAME: 0344