

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6476102

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NORIAKI IWAGUCHI	11/11/2020
HARUKI OKUYAMA	11/20/2020
TAKAHISA YAMAGUCHI	11/11/2020
TAKASHI FUJII	11/12/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SUMITOMO ELECTRIC INDUSTRIES, LTD.
<b>Street Address:</b>	5-33, KITAHAMA 4-CHOME, CHUO-KU
<b>City:</b>	OSAKA-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	541-0041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17054589
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	202262-0243-00-US-000007
<b>NAME OF SUBMITTER:</b>	JOHN G. SMITH
<b>SIGNATURE:</b>	/John G. Smith/
<b>DATE SIGNED:</b>	12/31/2020
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

Whereas, I/we,

NameAddress1) **Noriaki IWAGUCHI**c/o SUMITOMO ELECTRIC INDUSTRIES, LTD.,  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japan2) **Haruki OKUYAMA**c/o SUMITOMO ELECTRIC INDUSTRIES, LTD.,  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japan3) **Takahisa YAMAGUCHI**c/o SUMITOMO ELECTRIC INDUSTRIES, LTD.,  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japan4) **Takashi FUJII**c/o SUMITOMO ELECTRIC INDUSTRIES, LTD.,  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japanhereinafter 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 November 11, 2020, Serial No. 17/054589; 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 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.

INVENTORSDATE SIGNED

1) :

*Noriaki Iwaguchi**November 11, 2020*

Name :

Noriaki IWAGUCHI

2) :

Haruki OKUYAMA

Name :

3) :

*Takahisa Yamaguchi**November 11, 2020*

Name :

Takahisa YAMAGUCHI

4) :

Name :

Takashi FUJII

# ASSIGNMENT

Whereas, I/we,  
Name

Address

1) **Noriaki IWAGUCHI**

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4) **Takashi FUJII**

c/o SUMITOMO ELECTRIC INDUSTRIES, LTD.,  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japan

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**OPTICAL FIBER**

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## INVENTORS

## DATE SIGNED

1) :

Name : Noriaki IWAGUCHI

2) :

Name : Haruki Okuyama  
Haruki OKUYAMA

3) :

Name : Takahisa YAMAGUCHI

November 20, 2020

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