# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4190855

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOSHINORI YAMAMOTO	11/24/2016
MASAAKI HIRANO	11/16/2016
MASAKAZU TAKAMI	11/25/2016

#### **RECEIVING PARTY DATA**

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	
Street Address:	5-33, KITAHAMA 4-CHOME	
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State/Country:	JAPAN	
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15294094

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	048404-0258-02-US-548132	
NAME OF SUBMITTER:	JOHN G. SMITH	
SIGNATURE:	/John G. Smith/	
<b>DATE SIGNED:</b> 12/19/2016		
This document serves as an Oath/Declaration (37 CFR 1.63).		

## **Total Attachments: 3**

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**PATENT** REEL: 041027 FRAME: 0217 504134569

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PATENT REEL: 041027 FRAME: 0218

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ATTORNEY DOCKET NO.:

SOLEJOINT INVENTION
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#### COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) - hereinafter referred to as Assignor(s) - have made an invention entitled:

#### OPTICAL FIBER CABLE

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS, SUMITOMO ELECTRIC INDUSTRIES, LTD, a corporation of JAPAN, whose post office address is \$\frac{5-33}{23}\$, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka \$41-0041, JAPAN (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assigned 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 Assigned, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisionals, 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 United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WF HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with 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, and all rights to claim priority on the basis of such applications, make all rightful oaths or the like, 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 TESTIMONY WHEREOF, I/WE have hereunto set our hand(s) in the appropriate space below.

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PATENT REEL: 041027 FRAME: 0219



出願データシート(連邦規則法典第37編規則 1.76)を用いた 実用又は意匠出願のための、連邦規則法典第37編規則 1.63の 宣言書として、下記に記名され、署名のある各発明者は、次 のように宣言する。	AS A DECLARATION UNDER 37 C.P.R. § 1.53, for a utility or design application using an Application Data Sheet (37 C.F.R. § 1.76), each below-named inventor for which a signature has been provided hereby declares that:		
この宣言書は次に向けられたものである (次の2つの ボックスのうち1つにチェックを入れてください) :	This Declaration is directed to (please check one of the following two boxes):		
□ 新付された出版 又は 	The attached application, or United States application of PCT international application number 15/294,694 filed on October 14, 2016.		
上説の出觸は、私によってなされたか、又は私によって なされるよう権限を与えられたものである。	The above-identified application was made or authorized to be made by me.		
私は、この出願で請求されている発明の最初の発明者又は 最初の共同発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
私は、特許請求の額囲を含むこの出願の内容を検討し、且つ 理解した。	I have reviewed and understand the contents of the application, including the claims.		
私は、遊邦原副佐銭第37編展制1.56に規定されているよう に、特許性について私が知っているすべての業要な情報を 庁に選示する義務があることを知っている。	I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.		
私は、この宣言書においてなされたいかなる故意による虚偽 の供述は、台衆国法典第 18 編第 1001 条の下、罰金若しくは 5 年以下の懲役又はその両方に処される事をここに認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fire or imprisonment of not more than five (3) years, or both.		
注記:もし前もって提出されていないのであれば、発明主体全員の 名前を挙げた出版データンート(270/474/14 又はそれに相当する もの)をこの用紙に添けしなければならない。	Note: An application data show (PTO/AIA/I4 or equivalent) naming the entire inventive entity must accompany this form if not submitted previously.		
STATEMENT OF ACCURATE TRANSLATION UNDER 37 C.F.R. § 1.69(b):			
To the best of my knowledge, the English-language translation provided in this document is an accurate translation.			
<u>a</u>			
Signature:  Masahiro Noda			
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ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION
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Page 3 of 3

	LEGAL NAME OF SOLE/FIRST ASSIGNOR/INVENTOR
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	Print Name; Yoshinori YAMAMOTO
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<b>!</b> ·	
署名:	* Signature 4525-4545-55
ARRE - WHITE BROOMS OF CONTINUES 1 TOSC VIC. 15	LEGAL NAME OF SECOND ASSIGNOR/INVENTOR
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	Print Name: <u>Masaaki, HIRANO</u>
<b>联名</b> 4	
8# ( <u></u>	Die Nevenhor 16, 2016
<b>2</b> 4.	Signature Deller William
	Signature LVACIEVE LY/0V
第三発明者の法律上の天名	LEGAL NAME OF THIRD ASSIGNOR/INVENTOR
Sub	
	Print Name: Masakazu TAKAMI
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署名3	Signature: 1000/00/00 De Losadi
第四発明者の法律上の民名	Signature: // // X/1/3/ // // X/3/3/
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2000 D	
<b>考</b> 者 (	
目付 )	
<b>※</b> 名 >	Signature:
第五発明者の法律上の氏名	LEGAL NAME OF FIFTH ASSIGNOR/INVENTOR
<b>3</b> 名 :	Print Name:
B47	
<b>*</b>	
発明者のリストは添付のページに続く: []はい []いいえ	Name(#) of additional Assignor(s)/Inventor(s) attached: [] Yes [N] No
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**RECORDED: 12/19/2016**