505074810 08/31/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naoki ARAKAWA	07/23/2018

RECEIVING PARTY DATA

Name:	OLYMPUS CORPORATION	
Street Address:	2951 Ishikawa-machi	
City:	Hachioji-shi, Tokyo	
State/Country:	Japan	
Postal Code:	192-8507	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16119658

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400 Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF Address Line 1: **OLIFF PLC**

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ATTORNEY DOCKET NUMBER:	182966
NAME OF SUBMITTER:	KEIVONA D. GRAY
SIGNATURE:	/KeiVona D. Gray/
DATE SIGNED:	08/31/2018

Total Attachments: 2

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> **PATENT REEL: 046770 FRAME: 0175**

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ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

BOARD ATTACHING STRUCTURE

have sold and assigned and do hereby sell and assign to

OLYMPUS CORPORATION

a Japanese corporation, having a business address at 2951 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8507, Japan;

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith		
	[]	executed on	;	
	[]	Application No.	, filed	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oliff PLC, 277 South Washington Street Suite 500 Alexandria, Virginia 22314

PATENT REEL: 046770 FRAME: 0176

ASSIGNMENT

17P01173 US 00 (17F0410P1)

Inventor: (Signature)	Date	Residence	
Naoki Axahawa	Jul. 23, 2018	Hachioji-shi, Japan	
Nacki Arakawa	<u> </u>	Tracinoji sin, sapan	

PATENT REEL: 046770 FRAME: 0177

RECORDED: 08/31/2018