505013009 07/20/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

	Name	Execution Date
Tsuneta	aka AKAGANE	06/06/2018

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:	16040689

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	182333
NAME OF SUBMITTER:	JAMIE WOLFE
SIGNATURE:	/Jamie L. Wolfe/ for James A. Oliff
DATE SIGNED:	07/20/2018

Total Attachments: 2

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PATENT 505013009 REEL: 046411 FRAME: 0357

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:

TREATMENT INSTRUMENT

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	
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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: 046411 FRAME: 0358

ASSIGNMENT

15P02639 US 00 (15F0604P1)

Inventor: (Signature)	Date	Residence
Tumelalın Olonyu'nı Tsunetaka Akagane	June 6. 2018	Hachioji shi, Japan

PATENT REEL: 046411 FRAME: 0359

RECORDED: 07/20/2018