504296590 03/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4343271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takumi UMEMURA	03/09/2017

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:	29598893	

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

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	175029
NAME OF SUBMITTER:	JESSICA ABARCA
SIGNATURE:	/Jessica Abarca/
DATE SIGNED:	03/29/2017

Total Attachments: 2

source=4829405_1#page1.tif source=4829405_1#page2.tif

PATENT 504296590 REEL: 042112 FRAME: 0650

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Takumi UMEMURA (2)
(1-8)	Legal Name(s)	(3)	(4)
	of Inventor(s)	(5)	(6)
		(7)	(8)
		the un	sideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of dersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to , and hereby does assign, transfer and set over to
(9) Insert Name of Assignce		(9)	OLYMPUS CORPORATION
(10)	Insert Address of Assignee	(10)	2951 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8507, Japan
		the en- invent contin	nafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, tire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the ion, and in all applications for patent including any and all provisional, non-provisional, divisional, nation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues examination certificates that may be granted on the invention (or claimed design) known as
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	BODY OF OPERATING UNIT OF TREATMENT TOOL FOR ENDOSCOPE
	Application Number	(Atter	ney Docket No. 175029), filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number 29/598,893
	Identification for		
	filed applications	filed	March 29, 2017

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also
 to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 042112 FRAME: 0651 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Mar. 9. 2017	Inventor Signature	Takumi Umemya	(SEAL)
Date		Inventor Signature	Takumi UMEMURA	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
two wit	Although neither is necessary, the assignme nesses (if executed in the U.S. of a foreign co	nt should preferably be (1 untry) who also sign here:) notarized (if executed in the U.S.), or (2) signed befo	re at least
Date		Witness		
Date		Witness	3	