505160670 10/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUAKI HASEGAWA	10/18/2018

RECEIVING PARTY DATA

Name:	OLYMPUS CORPORATION	
Street Address:	2951, ISHIKAWA-MACHI	
Internal Address:	HACHIOJI-SHI	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	192-8507	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16171430

CORRESPONDENCE DATA

Fax Number: (508)804-2624

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.

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Email: taichiro.kochi@olympus.com

Correspondent Name: OLYMPUS CORPORATION OF THE AMERICAS/OT

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ATTORNEY DOCKET NUMBER:	16P01756US	
NAME OF SUBMITTER:	MATTHEW M. ESLAMI	
SIGNATURE:	/Matthew M. Eslami/	
DATE SIGNED:	10/26/2018	

Total Attachments: 2

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PATENT 505160670 REEL: 047323 FRAME: 0179

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned, hereby sell, assign and transfer to OLYMPUS CORPORATION, a corporation of JAPAN having a place of business at 2951, Ishikawa-machi, Hachioji-shi, 192-8507 Tokyo, Japan its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed in the United States Application Patent, is entitled

FLEXIBLE MANIPULATOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its

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successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Mitsuaki Lauguma Mitsuaki Hasegawa

Date: Oct 18, 2018
Witness: Hisographic Hashimoto
Hiroyaki Hashimoto