PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUAKI HASEGAWA	07/29/2016
TOSHIHIRO YOSHII	07/29/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15236623

CORRESPONDENCE DATA

Fax Number: (516)742-4366

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: 516-742-4343 Email: jmoses@ssmp.com Correspondent Name: THOMAS SPINELLI

Address Line 1: SCULLY, SCOTT, MURPHY & PRESSER, P.C.

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ATTORNEY DOCKET NUMBER:	33973Z
NAME OF SUBMITTER:	THOMAS SPINELLI
SIGNATURE:	/Thomas Spinelli/
DATE SIGNED:	08/15/2016

Total Attachments: 2

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> **PATENT** REEL: 039681 FRAME: 0806 503959835

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Hereby sell, assign and transfer to OLYMPUS CORPORATION a corporation of Japan having a place of business at 2951. Ishikawa-machi, Hachiqii-shi, Tokyo 192-8507 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 application for United States Patent, which is entitled

MANIPULATOR INITIALIZATION METHOD, MANIPULATOR, AND MANIPULATOR SYSTEM 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 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

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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.

* 8 A	Mkowaki Kasegawa	
Date: Jul 21 20/6	Mitsuaki HASEGAWA	
Witness:		
Date: Jul. 29.2016	Joshihina Yorhii Toshibiro YOSHII	
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PATENT REEL: 039681 FRAME: 0808

RECORDED: 08/15/2016