# 504708878 12/29/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NATURE OF CONVEYANCE:			NEW ASSIGNMENT ASSIGNMENT				
CONVEYING PARTY	DATA						
			Name			Execution Date	
ΝΟΒUHIKO ΗΑΤΑ						09/26/2016	
RECEIVING PARTY D	ΑΤΑ						
Name:	THE BF	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.					
Street Address:	75 FRA	75 FRANCIS STREET					
City:	BOSTC	BOSTON					
State/Country:	MASSA	MASSACHUSETTS					
Postal Code:	02115						
Property Type			Number				
Property Type Application Number:		15741					
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### ASSIGNMENT

FOR VALUE RECEIVED, I

NAME Nobuhiko Hata address c/o Brigham and Women's Hospital Inc. 75 Francis Street Boston, MA 02115

Citizenship: Japan

hereby sell, assign, transfer and convey unto

The Brigham and Women's Hospital, Inc., a charitable corporation of Massachusetts, having a place of business at 75 Francis Street, Boston, MA 02115

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

#### METHOD AND APPARATUS FOR CONTROLLING MANIPULATOR (atty. docket no. 2611-17607)

and described in an application for Patent which was executed by us, respectively, and which was filed on 6/30/2015, as PCT Application Serial No . PCT/US2015/038662

and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by the Assignee or nominees, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file, or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to the Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and declarations, and in general perform all lawful acts

## PATENT REEL: 044508 FRAME: 0082

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necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said invention in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto set our hand and seal this <u>16th</u> day of <u>September</u> 2016 Signature Maria Kin [26] 201 6 9 Witness: Date:

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## PATENT REEL: 044508 FRAME: 0083

**RECORDED: 12/29/2017**