

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOHAN NOH	11/13/2019
JOAO BIMBO	10/15/2019
HONGBIN LIU	10/11/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KING'S COLLEGE LONDON
<b>Street Address:</b>	STRAND
<b>City:</b>	LONDON
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	WC2R 2LS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16340020
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	bwptopat@bannerwitcoff.com, bgrossbard@bannerwitcoff.com
<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD.
<b>Address Line 1:</b>	1100 13TH STREET, N.W.
<b>Address Line 2:</b>	SUITE 1200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	008605.00026
<b>NAME OF SUBMITTER:</b>	ROSS A. DANNENBERG
<b>SIGNATURE:</b>	/Ross Dannenberg/
<b>DATE SIGNED:</b>	12/12/2019
<b>Total Attachments: 4</b>	
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ASSIGNMENT

*Yohan Mh 13th Nov 2019*  
*[Signature]*

WHEREAS, we,

~~Yohan NOH, with a mailing address at Division of Imaging Sciences & Biomedical Engineering,  
The Rayne Institute, 4th Floor, Lambeth Wing, St Thomas' Hospital, King's College London,  
LONDON, SE1 7EH, UNITED KINGDOM;~~

*College of Engineering, Design and Physical Sciences, Department of Mechanical and Aerospace*

Joao BIMBO, with a mailing address at Istituto Italiano di Tecnologia (ITT), Via Morego, 30,  
GENOVA, 16163, ITALY; and *Engineering, Howell building, Brunel University London, Kingston Lane, Uxbridge*

Hongbin LIU, with a mailing address at Faculty of Natural & Mathematical Sciences (NMS), *LONDON, U88 3PH*  
Department of Informatics, Centre for Robotics Research (CoRe), King's College London, Strand,  
LONDON, WC2R 2LS, UNITED KINGDOM; *United Kingdom*

are inventors of certain new and useful inventions and improvements described in a U.S. patent application identified by having the title:

MULTI-AXIS FORCE SENSOR

which application was filed on April 5, 2019 as U.S. Application Serial No. 16/340,020 and WHEREAS

**KING'S COLLEGE LONDON**  
Strand, London WC2R 2LS, United Kingdom

ASSIGNEE, desire to acquire our entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) our entire right, title and interest in and to said application, inventions and IMPROVEMENTS throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

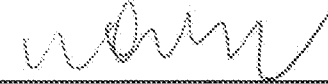
And we covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all

lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEES or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 13th Nov 2019 Inventor:   
Yohan NOH

Date: \_\_\_\_\_ Inventor: \_\_\_\_\_  
Joao BIMBO

Date: \_\_\_\_\_ Inventor: \_\_\_\_\_  
Hongbin LIU

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Date: \_\_\_\_\_ Inventor: \_\_\_\_\_  
Yohan NOH

Date: 15/10/2019 Inventor: Joao Bimbo  
Joao BIMBO

Date: \_\_\_\_\_ Inventor: \_\_\_\_\_  
Hongbin LIU

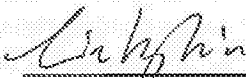
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Date: \_\_\_\_\_ Inventor: Yohan NOH

Date: \_\_\_\_\_ Inventor: Joao BIMBO

Date: 11 Oct 2019 Inventor:   
Hongbin LIU