

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALBERTO PABLO-TRINIDAD	10/24/2018
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<b>PROPERTY NUMBERS Total: 2</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16162006	
<b>PCT Number:</b>	US1856100	
<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>		
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<b>ATTORNEY DOCKET NUMBER:</b>	MIT-18366	
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<b>SIGNATURE:</b>	/Dhruv Sud/	

<b>DATE SIGNED:</b>	12/12/2018
<b>Total Attachments: 4</b> source=MIT-18366US01 Assignment (MIT & UPM) - EXECUTED#page1.tif source=MIT-18366US01 Assignment (MIT & UPM) - EXECUTED#page2.tif source=MIT-18366US01 Assignment (MIT & UPM) - EXECUTED#page3.tif source=MIT-18366US01 Assignment (MIT & UPM) - EXECUTED#page4.tif	

### ASSIGNMENT

**Alberto Pablo-TRINIDAD**, residing at Calle Santa Cruz de Mudela 1, 5D, 28026 Madrid, SPAIN, (referred to as "Assignor") has made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **SYSTEMS, DEVICES AND METHODS FOR NON-INVASIVE HEMATOLOGICAL MEASUREMENTS**, and which is a:

- (1) ☒ non-provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☒ bearing Application No. 16/162,006, and filed on October 16, 2018; and/or
- (2) ☒ PCT application
  - (a) ☒ bearing Application No. PCT/US18/56100, and filed on October 16, 2018.

WHEREAS, 1) **Universidad Politécnica de Madrid**, a University having its principal place of business at Calle Ramiro de Maeztu, 7; 28040 Madrid, SPAIN, its successors, legal representatives and assigns; and 2) **Massachusetts Institute of Technology**, a University having its principal place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, its successors, legal representatives and assigns, (the "Assignees"), are desirous of acquiring their respective portions of the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignees or a predecessor in interest of the Assignees, or if the Assignor has already done so via a prior agreement with the Assignees or a predecessor in interest of the Assignees then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignees, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);

- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignees, for their own use and behalf and the use and behalf of their respective successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignees, their respective successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignees, their respective successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignees, their

respective successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their respective successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of SMITH BALUCH LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignees for the sole use and behalf of the Assignees, their respective successors, legal representatives, and assigns.

Inventor Signature: Alberto Date: 24 OCT 2018  
Alberto Pablo Trinidad  
Witness Signature: [Signature] Date: 24 OCT 2018  
Print Witness Name: JURIA S. LEDEZMA CARRASCO

For and on behalf of the Assignee:

Date: 29<sup>th</sup> October, 2018

By: *Asun*

Name: ASUNCIÓN GÓMEZ PÉREZ

Title: VICE-RECTOR FOR RESEARCH, INNOVATION AND DOCTORAL STUDIES

University: Universidad Politécnica de Madrid

Witness Signature: *[Signature]*

Date: 29<sup>th</sup> October, 2018

Print Witness Name: MIGUEL HOLGADO BOLANOS

For and on behalf of the Assignee:

Date: 12/7/18

By: *[Signature]*

Name: JONATHAN HAZEN

Title: MIT INTELLECTUAL PROPERTY OFFICER

University: Massachusetts Institute of Technology

Witness Signature: *[Signature]*

Date: 12/7/18

Print Witness Name: Emma Blades