504860749 04/10/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAA BEYDOUN	03/14/2018
VIKASH GUPTA	04/04/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15910155

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NAME OF SUBMITTER:	ANDREW W. WAHBA
SIGNATURE:	/Andrew W. Wahba/
DATE SIGNED:	04/10/2018

Total Attachments: 2

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PATENT 504860749 REEL: 045490 FRAME: 0299

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as ASSIGNORs), are the original and joint inventors, of the invention entitled:

UNIVERSAL DEVICE AND METHOD TO INTEGRATE DIAGNOSTIC TESTING INTO TREATMENT IN REAL-TIME

2011001	. 10.
\boxtimes	identified as Docket No. B758-22529US01.
\boxtimes	was filed on March 2, 2018 as United States Application Serial No. 15/910,155.
	was filed onas PCT International Application Noand designated the United States.
	For good and valuable consideration, the receipt and sufficiency of which is hereby

which is:

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORs hereby:

Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to University of Maryland Medical Center, LLC, 22 South Greene Street, Baltimore, Maryland 21201 (hereinafter referred to as ASSIGNEE), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, and any application based in whole or in part upon the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application or claiming priority to the above-referenced patent application); and (c) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisional, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.

Authorizes and requests the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue said application (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and entirely at the ASSIGNEE'S expense, perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

PATENT REEL: 045490 FRAME: 0300 Covenants and agrees that it has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

Further covenants and agrees that it will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

1.

Alaa BEYDOUA

2.

Vikash-GÜPTA

/Date/

1/4/18

Date

PATENT REEL: 045490 FRAME: 0301

RECORDED: 04/10/2018