

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YEHA M. IBRAHIM	02/06/2018
RICHARD D. SMITH	02/06/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16032651
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ATTORNEY DOCKET NUMBER:	23-100164-02
NAME OF SUBMITTER:	LISA M. CALDWELL
SIGNATURE:	/Lisa M. Caldwell/
DATE SIGNED:	07/11/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, Yehia M. Ibrahim, of Richland, WA, and Richard D. Smith, of Richland, WA, have invented a certain invention, entitled METHODS AND SYSTEMS FOR INTEGRATING ION MANIPULATION DEVICES, as described in U.S. Provisional Patent Application No. 62/568,303, filed on October 4, 2017, the invention and application are collectively referred to hereinafter as "the Invention."

WHEREAS, Battelle Memorial Institute, a corporation organized under the laws of the State of Ohio, having a place of business at 902 Battelle Boulevard, Richland, WA 99354, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Yehia M. Ibrahim and Richard D. Smith hereby sell, assign, and transfer to Battelle Memorial Institute, the full and exclusive right, title, and interest in and to the Invention, patent application, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention, patent application, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Battelle Memorial Institute, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Battelle Memorial Institute, or its successors and assigns, any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Battelle Memorial Institute, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to Battelle Memorial Institute.

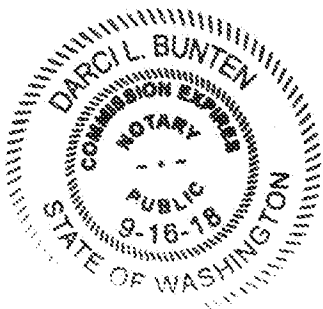
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.


At Richland, WA Yehia M. Ibrahim
(City and State)
on this 6th day of February, 2018
STATE OF Washington)
COUNTY OF Benton) ss.

This 6th day of February, 2018, before me personally came the above-named Yehia M. Ibrahim, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yehia M. Ibrahim's own free will for the purpose set forth therein.

[SEAL]



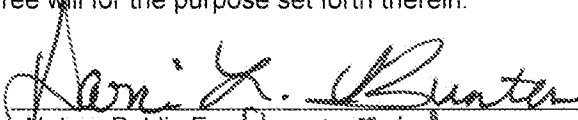
Darcil L. Buntan
Notary Public For State of WA
My commission expires: 9/16/18


Richard D. Smith

At Richland, WA
(City and State)
on this 6th day of February 2018

STATE OF Washington)
COUNTY OF Benton) ss.

This 6th day of February, 2018, before me personally came the above-named Richard D. Smith, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Richard D. Smith's own free will for the purpose set forth therein.


Notary Public For State of WA
My commission expires: 9/16/18

