

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>GORDON A. ANDERSON</td> <td>01/17/2014</td> </tr> <tr> <td>RICHARD D. SMITH</td> <td>01/17/2014</td> </tr> <tr> <td>YEHA M. IBRAHIM</td> <td>01/17/2014</td> </tr> <tr> <td>ERIN M. BAKER</td> <td>01/17/2014</td> </tr> </tbody> </table>		Name	Execution Date	GORDON A. ANDERSON	01/17/2014	RICHARD D. SMITH	01/17/2014	YEHA M. IBRAHIM	01/17/2014	ERIN M. BAKER	01/17/2014
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>BATTELLE MEMORIAL INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>P.O. BOX 999, K1-53</td> </tr> <tr> <td>City:</td> <td>RICHLAND</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>99352</td> </tr> </table>		Name:	BATTELLE MEMORIAL INSTITUTE	Street Address:	P.O. BOX 999, K1-53	City:	RICHLAND	State/Country:	WASHINGTON	Postal Code:	99352
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PROPERTY NUMBERS Total: 3											
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Property Type	Number										
Application Number:	61809060										
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PCT Number:	US1411291										
CORRESPONDENCE DATA											
Fax Number:	(509)375-4487										
Phone:	509-375-3823										
Email:	ipdocket@pnnl.gov										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	A.J. GOKCEK										
Address Line 1:	P.O. BOX 999, K1-53										
Address Line 4:	RICHLAND, WASHINGTON 99352										
ATTORNEY DOCKET NUMBER:	30321-E										
NAME OF SUBMITTER:	A.J. GOKCEK										

PATENT

Signature:	/ A.J. Gokcek /
Date:	01/17/2014
Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif	

ASSIGNMENT OF PATENT RIGHTS

Gordon A. Anderson
Richard D. Smith
Yehia M. Ibrahim
Erin M. Baker

To
Battelle Memorial Institute

WHEREAS, we, Gordon A. Anderson of Benton City, County of Benton, State of Washington; Richard D. Smith of Richland, County of Benton, State of Washington; Yehia M. Ibrahim of Richland, County of Benton, State of Washington; and Erin M. Baker of West Richland, County of Benton, State of Washington; hereinafter INVENTORS, have made certain inventions related to, ION MANIPULATION DEVICE including those, described and claimed in various disclosures including:

U.S. Provisional Application No. 61/809,060, filed April 8, 2013, Entitled: Ion Manipulation Device

U.S. Patent Application No. 14/146,922, filed January 3, 2014, Entitled: Ion Manipulation Device

PCT Application No. PCT/US14/11291, filed January 13, 2014, Entitled: Ion Manipulation Device

For which we are about to make application for Letters Patent of the United States; collectively referred to hereinafter as INVENTIONS;

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, We the INVENTORS have each sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and We each do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

We each further covenant and agree that we each will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that each of us will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

We each further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute

assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

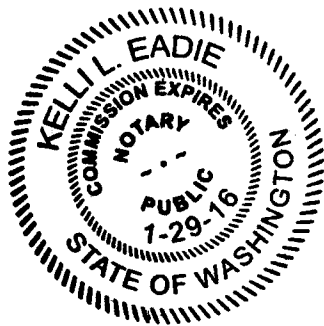
Executed at Richland, State of Washington, this 17 day of January, 2014.

Gordon A. Anderson

Gordon A. Anderson

STATE OF Washington)
) ss.
COUNTY OF Benton)

This 17th day of January, 2014, before me personally came the above-named Gordon A. Anderson, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Kelli L. Eadie

Notary Public for the State of Washington
My commission expires: 1/29/16

Executed at Richland, State of Washington, this 17 day of January, 2014.



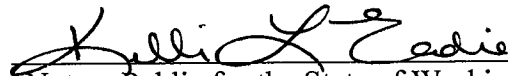
Richard D. Smith

STATE OF Washington)
) ss.
COUNTY OF Benton)

This 17th day of January, 2014, before me personally came the above-named Richard D. Smith, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]



Notary Public for the State of Washington

My commission expires: 1/29/16

Executed at Richland, State of Washington, this 17th day of January, 2014.

Yehia M. Ibrahim
Yehia M. Ibrahim

STATE OF Washington)
) ss.
COUNTY OF Benton)

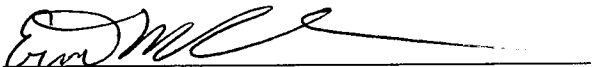
This 17th day of January, 2014, before me personally came the above-named Yehia M. Ibrahim, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Kelli L. Eadie
Notary Public for the State of Washington
My commission expires: 1/29/16

[SEAL]

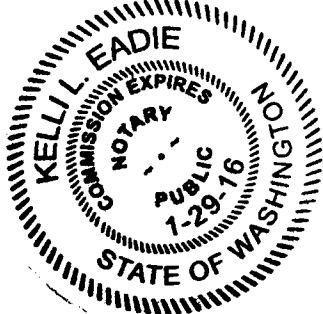


Executed at Richland, State of Washington, this 17th day of January, 2014.



Erin M. Baker

STATE OF Washington)
) ss.
COUNTY OF Benton)

This 17th day of January, 2014, before me personally came the above-named Erin M. Baker, who executed the foregoing instrument in my presence, and who acknowledged to me that she executed the same of her own free will for the purposes set forth therein.



[SEAL]


Notary Public for the State of Washington
My commission expires: 1/29/16
