

PATENT ASSIGNMENT

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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>Xuefei Sun</td><td>09/23/2010</td></tr><tr><td>Ryan T. Kelly</td><td>09/23/2010</td></tr><tr><td>Keqi Tang</td><td>09/23/2010</td></tr><tr><td>Richard D. Smith</td><td>10/08/2010</td></tr></tbody></table>		Name	Execution Date	Xuefei Sun	09/23/2010	Ryan T. Kelly	09/23/2010	Keqi Tang	09/23/2010	Richard D. Smith	10/08/2010
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Xuefei Sun	09/23/2010										
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RECEIVING PARTY DATA											
Name:	Battelle Memorial Institute										
Street Address:	P.O. Box 999										
Internal Address:	M/S K1-53										
City:	Richland										
State/Country:	WASHINGTON										
Postal Code:	99352										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12889108</td></tr></tbody></table>		Property Type	Number	Application Number:	12889108						
Property Type	Number										
Application Number:	12889108										
CORRESPONDENCE DATA											
Fax Number:	(509)375-4487										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	509-375-6866										
Email:	allan.tuan@pnl.gov										
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Address Line 2:	M/S K1-53										
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ATTORNEY DOCKET NUMBER:	16721-E										
NAME OF SUBMITTER:	Allan C. Tuan										

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PATENT
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Total Attachments: 6

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ASSIGNMENT OF PATENT RIGHTS

Xuefei Sun
Ryan T. Kelly
Keki Tang
Richard D. Smith

To
Battelle Memorial Institute

WHEREAS, we, Xuefei Sun of Richland, County of Benton, State of Washington, Ryan T. Kelly of West Richland, County of Benton, State of Washington, Keki Tang of Richland, County of Benton, State of Washington, and Richard D. Smith of Richland, County of Benton, State of Washington; hereinafter INVENTORS, have made certain inventions related to, Microchip Capillary Electrophoresis Absent Electrokinetic Injection, including those, described and claimed in various disclosures including:

U.S. Patent Application No. 12/889,108, filed September 23, 2010, Entitled: Microchip Capillary Electrophoresis Absent Electrokinetic Injection

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

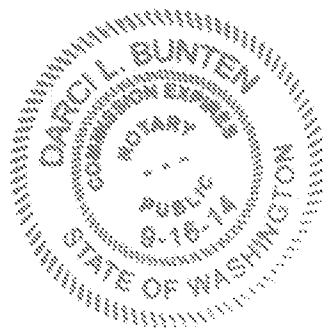
Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, 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 23 day of September, 2010.

Xuefei Sun
Xuefei Sun

STATE OF WASHINGTON)
) ss.
County of Benton)

This 23 day of September, 2010, before me personally came the above-named Xuefei Sun 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.



Carol L. Bunten
Notary Public for the State of Washington.
My commission expires: 9/16/14

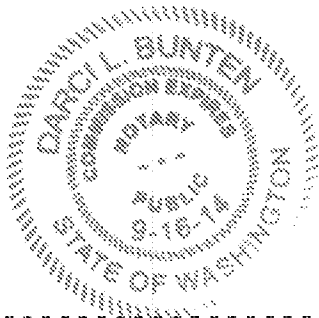
Executed at Richland, State of Washington, this 23 day of September, 2010.

Ryan T. Kelly
Ryan T. Kelly

STATE OF WASHINGTON)
) ss.
County of Benton)

This 23rd day of September, 2010, before me personally came the above-named Ryan T. Kelly 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]



Carol L. Bunten
Notary Public for the State of Washington.

My commission expires: 9/18/14

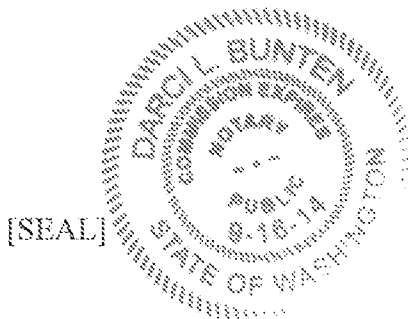
Executed at Richland, State of Washington, this 23 day of September, 2010.

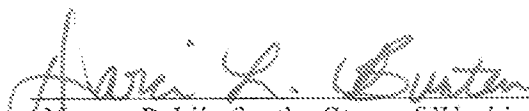


Keqi Tang

STATE OF WASHINGTON)
) ss.
County of Benton)

This 23rd day of September, 2010, before me personally came the above-named Keqi Tang 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.





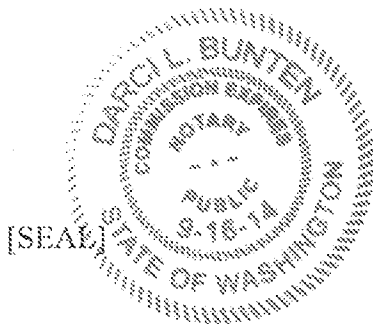
Notary Public for the State of Washington.
My commission expires: 9/16/14.

Executed at Richland, State of Washington, this 8th day of October, 2010.

Richard D. Smith
Richard D. Smith

STATE OF WASHINGTON)
) ss.
County of Benton)

This 8th day of October, 2010, 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.



Darci L. Buntin
Notary Public for the State of Washington.
My commission expires: 9/16/14