

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JI-GUANG ZHANG	01/14/2019
HAIPING JIA	01/08/2019
XAOLIN LI	01/08/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16247143
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<b>NAME OF SUBMITTER:</b>	GILLIAN GARDNER
<b>SIGNATURE:</b>	/Gillian Gardner/
<b>DATE SIGNED:</b>	01/14/2019
<b>Total Attachments: 4</b>	
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# ASSIGNMENT

WHEREAS, we, Ji-Guang Zhang, of Richland, Washington, Haiping Jia, of Richland, Washington, and Xiaolin Li, of Richland, Washington have invented a certain invention for which we are making application for Letters Patent of the United States, as described at least in part in the following patent application:

U.S. Patent Application No. 16/247,143, filed on January 14, 2019, entitled

"LOCALIZED SUPERCONCENTRATED ELECTROLYTES FOR SILICON ANODES,"

which invention and application are collectively referred to as "the Invention."

WHEREAS, BATTELLE MEMORIAL INSTITUTE, a corporation organized under the laws of the State of Ohio, having a place of business in the city of Richland, Washington, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ji-Guang Zhang, Haiping Jia, and Xiaolin Li hereby sell, assign, and transfer to BATTELLE MEMORIAL INSTITUTE, the full and exclusive right, title, and interest in and to the invention 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, 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 the 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  
(City and State)  
on this 14 day of January, 2019.

Ji-Guang Zhang  
Ji-Guang Zhang

STATE OF Washington )  
COUNTY OF Benton ) ss.

This 14 day of January, 2019, before me personally came the above-named Ji-Guang Zhang, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Ji-Guang Zhang's own free will for the purpose set forth therein.



Darcil L. Bunten  
Notary Public For State of WA  
My commission expires: 9/16/22

At Richland, WA Haiping Jia  
(City and State)  
on this 8 day of January, 2019  
Haiping Jia

STATE OF Washington )  
COUNTY OF Benton ) ss.

This 8 day of January, 2019, before me personally came the above-named Haiping Jia, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Haiping Jia's own free will for the purpose set forth therein.

[SEAL]

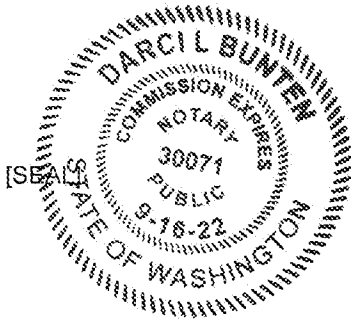


Darcy L. Bunten  
Notary Public For State of WA  
My commission expires: 9/18/22

At Richland, WA Xiaolin Li  
(City and State)  
on this 8 day of January, 2019

STATE OF Washington )  
COUNTY OF Benton ) ss.

This 8 day of January, 2019, before me personally came the above-named Xiaolin Li, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Xiaolin Li's own free will for the purpose set forth therein.



Darcil Bunter  
Notary Public For State of WA  
My commission expires: 9/16/22