

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4462056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATION OF ASSIGNMENT AND ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JI-GUANG ZHANG	05/26/2017
JIANMING ZHENG	05/26/2017
SHURU CHEN	05/26/2017
RECEIVING PARTY DATA	
Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	902 BATTELLE BOULEVARD
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99354
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	62466267
Application Number:	15599298
PCT Number:	US2017033391
CORRESPONDENCE DATA	
Fax Number:	(503)595-5301
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	carolyn.schlabach@klarquist.com
Correspondent Name:	KLARQUIST SPARKMAN, LLP
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Address Line 2:	SUITE 1600
Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	23-98673-01, -02
NAME OF SUBMITTER:	GILLIAN GARDNER
SIGNATURE:	/Gillian Gardner/
DATE SIGNED:	06/15/2017
Total Attachments: 5	

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CONFIRMATION OF ASSIGNMENT AND ASSIGNMENT

WHEREAS, we, Ji-Guang Zhang, of Richland, WA, Jianming Zheng, of Richland, WA, and Shuru Chen of Richland, WA, have invented a certain invention known as Localized Superconcentrated (High-Concentration) Electrolytes, as described at least in part in the following patent applications:

U.S. Provisional Patent Application No. 62/466,267, filed on March 2, 2017, entitled "LOCALIZED HIGH CONCENTRATION ELECTROLYTES FOR ELECTROCHEMICAL SYSTEMS,"

PCT Patent Application No. PCT/US2017/033391, filed on May 18, 2017, entitled "LOCALIZED SUPERCONCENTRATED ELECTROLYTES FOR STABLE CYCLING OF ELECTROCHEMICAL DEVICES,"

U.S. Patent Application No. 15/599,298, filed on May 18, 2017, entitled "LOCALIZED SUPERCONCENTRATED ELECTROLYTES FOR STABLE CYCLING OF ELECTROCHEMICAL DEVICES,"

which invention and patent applications are collectively referred to herein as "The Invention."

WHEREAS, BATTELLE MEMORIAL INSTITUTE, a corporation of Ohio, organized and existing under the laws of the State of Ohio, having a place of business in the city of Richland, Washington, acquired an interest therein and desires confirmation of the Assignment executed May 15, 2017 (the Prior Assignment attached as Exhibit A);

WHEREAS, we, Ji-Guang Zhang, Jianming Zheng, and Shuru Chen, believe and hereby confirm that the Prior Assignment assigned all rights, title and interest we possessed in and to The Invention and patent rights throughout the world to BATTELLE MEMORIAL INSTITUTE, as indicated therein;

WHEREAS, prior to filing the U.S. and PCT patent applications, the application titles were changed from the titles provided on the Prior Assignment to the titles provided above;

WHEREAS, we desire to confirm that the Prior Assignment assigned all of our rights, title and interest in and to The Invention, and in the event the Prior Assignment is held to be ineffective to do the same, we desire to hereby assign any and all remaining right, title and interest in and to The Invention we may still retain;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ji-Guang Zhang, Jianming Zheng, and Shuru Chen, hereby confirm that The Prior Assignment did sell, assign and transfer to BATTELLE MEMORIAL INSTITUTE, or, if the Prior Assignment is ever held to be ineffective, we hereby sell, assign and transfer to BATTELLE MEMORIAL INSTITUTE our 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

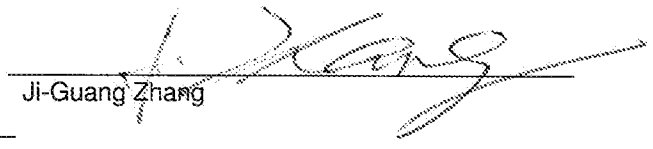
extensions thereof, to be held and enjoyed by BATTELLE MEMORIAL INSTITUTE for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been 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;

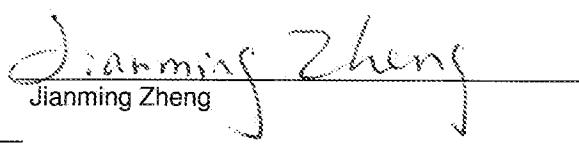
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Confirmation of Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for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

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

At Richland, WA
(City and State)
on this 26 day of May, 2017.


Ji-Guang Zhang

At Richland, WA
(City and State)
on this 26 day of May, 2017.


Jianming Zheng

At Richland, WA
(City and State)
on this 26 day of May, 2017.


Shuru Chen

EXHIBIT A

23-98673 31111-E

ASSIGNMENT

WHEREAS, we, Ji-Guang Zhang, of Richland, WA, Jianming Zheng, of Richland, WA, and Shuru Chen of Richland, WA have invented a certain invention, which invention is at least partially disclosed in the following patent applications:

U.S. Provisional Patent Application No. 62/466,267, filed on March 2, 2017, entitled "LOCALIZED HIGH CONCENTRATION ELECTROLYTES FOR ELECTROCHEMICAL SYSTEMS,"

PCT Patent Application No. _____, filed on _____, entitled "LOCALIZED SUPERCONCENTRATED ELECTROLYTES FOR STABLE CYCLING OF RECHARGEABLE BATTERIES,"

U.S. Patent Application No. _____, filed on _____, entitled "LOCALIZED SUPERCONCENTRATED ELECTROLYTES FOR STABLE CYCLING OF RECHARGEABLE BATTERIES,"

which applications are collectively referred to as "the Invention."

WWHEREAS, BATTELLE MEMORIAL INSTITUTE, a corporation of Ohio, organized and existing 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, Jianming Zheng, and Shuru Chen 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 the Invention in the United States or any foreign country.

EXHIBIT A

23-98673 31111-E

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 but not limited to the rules of the United States Patent and Trademark Office, for submitting and recording this document in the United States and in all jurisdictions outside of the United States.

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

At Richland, WA
(City and State)
on this 15 day of May, 2017
STATE OF Washington
COUNTY OF Benton } ss.

Ji-Guang Zhang

This 15 day of May, 2017, 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.

[SEAL]



Darcil Buntan
Notary Public For State of Washington
My commission expires: 9/16/18

EXHIBIT A

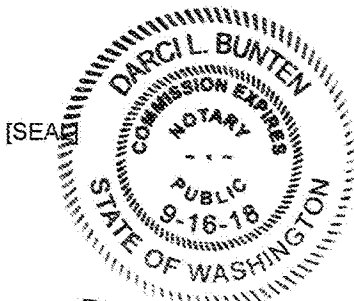
23-98673 31111-E

At Richland, WA
(City and State)
on this 15 day of May, 2017 ^{db}

Jianming Zheng
Jianming Zheng

STATE OF Washington)
COUNTY OF Benton) ss.

This 15 day of May, 2017, before me personally came the above-named Jianming Zheng, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jianming Zheng's own free will for the purpose set forth therein.



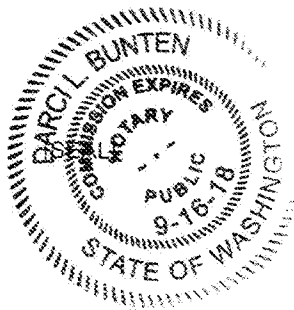
Darcil Bunten
Notary Public For State of WA
My commission expires:

At Richland, WA
(City and State)
on this 15 day of May, 2017

Shuru Chen
Shuru Chen

STATE OF Washington)
COUNTY OF Benton) ss.

This 15 day of May, 2017, before me personally came the above-named Shuru Chen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Shuru Chen's own free will for the purpose set forth therein.



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