

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3117453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIE XIAO	11/17/2014
JUN LIU	11/18/2014
HUILIN PAN	11/17/2014
WESLEY A. HENDERSON	11/17/2014
RECEIVING PARTY DATA	
Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	902 BATTELLE BOULEVARD
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99352
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14530442
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>	
Phone:	5035955300
Email:	erin.roycroft@klarquist.com
Correspondent Name:	KLARQUIST SPARKMAN LLP
Address Line 1:	121 SW SALMON STREET, SUITE 1600
Address Line 2:	ONE WORLD TRADE CENTER
Address Line 4:	PORTLAND, OREGON 97204
NAME OF SUBMITTER:	WAYNE RUPERT
SIGNATURE:	/Wayne Rupert/
DATE SIGNED:	11/20/2014
Total Attachments: 5	
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PATENT

ASSIGNMENT

WHEREAS, we, Jie Xiao, Jun Liu, Huilin Pan, and Wesley A. Henderson have invented a certain invention, entitled ELECTROLYTE FOR STABLE CYCLING OF HIGH-ENERGY LITHIUM SULFUR REDOX FLOW BATTERIES, for which U.S. Patent Application No. 14/530,442, filed on October 31, 2014, which application is referred to as “the patent application.”

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 99352, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jie Xiao, Jun Liu, Huilin Pan and Wesley A. Henderson hereby sell, assign, and transfer to Battelle Memorial Institute, the full and exclusive right, title, and interest in and to said 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; said 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 said 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.



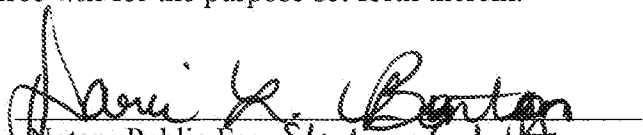
Jie Xiao

At Richland, WA
(City and State)

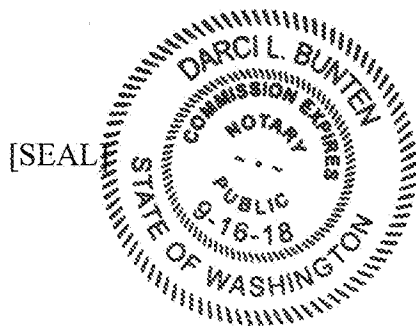
on this 17 day of November, 2014.


STATE OF WASHINGTON)
) ss.
COUNTY OF Benton)

This 17 day of November, 2014, before me personally came the above-named Jie Xiao, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jie Xiao's own free will for the purpose set forth therein.



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



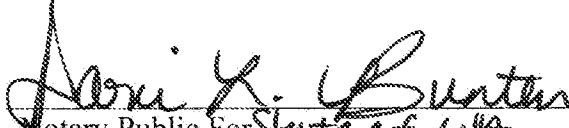


Jun Liu

At Richland, WA
 (City and State)
on this 18th day of November, 2014.

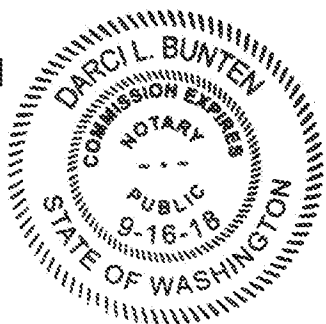
STATE OF Washington)
) SS.
COUNTY OF Benton)

This 18th day of November, 2014, before me personally came the above-named Jun Liu, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jun Liu's own free will for the purpose set forth therein.



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

[SEAL]



Huilin Pan
Huilin Pan

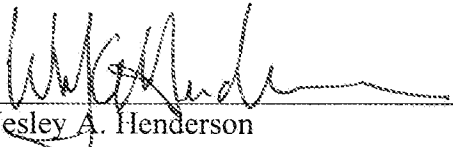
At Richland, WA
(City and State)
on this 11 day of November, 2014.

STATE OF Washington)
COUNTY OF Benton) SS.

This 11 day of November, 2014, before me personally came the above-named Huilin Pan, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Huilin Pan's own free will for the purpose set forth therein.




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


Wesley A. Henderson

At Richland, WA
(City and State)
on this 11 day of November, 2014.

STATE OF Washington)
COUNTY OF Benton) SS.

This 11 day of November, 2014, before me personally came the above-named Wesley A. Henderson, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Wesley A. Henderson's own free will for the purpose set forth therein.


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

[SEAL]

