

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jian Xie	05/25/2012
RECEIVING PARTY DATA	
Name:	Indiana University Research and Technology Corporation
Street Address:	351 West 10th Street
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46202
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13474179
CORRESPONDENCE DATA	
Fax Number:	(317)274-5902
Email:	bcholewa@iu.edu
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Brian C. Cholewa
Address Line 1:	351 West 10th Street
Address Line 4:	Indianapolis, INDIANA 46202
ATTORNEY DOCKET NUMBER:	11174
NAME OF SUBMITTER:	Brian C. Cholewa
Total Attachments: 2 source=Assignment (executed)#page1.tif source=Assignment (executed)#page2.tif	

OP \$40.00 13474179

**ASSIGNMENT**

Whereas, I, **Jian Xie** (ASSIGNOR), have an interest in an invention entitled: Rechargeable Alkaline Metal and Alkaline Earth Electrodes Having Controlled Dendritic Growth and Methods for Making and Using the Same, which is the subject of a United States patent application that names the undersigned as an inventor in:

☒ US Patent Application No. 13/474,179; filed May 17, 2012.

**Indiana University Research and Technology Corporation**, an Indiana corporation having its principal office at 351 West 10<sup>th</sup> Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNOR'S interest in the invention.

ASSIGNOR acknowledges receipt and adequacy of good and valuable consideration in exchange for this assignment and hereby assigns to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent applications and/or patents listed above, in the United States and all foreign countries, including the right to all divisions, reissues, continuations and extension thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNOR had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the applications or patents resulting from the invention.

ASSIGNOR covenants and agrees to cooperate with ASSIGNEE and execute all instruments or documents requested for the making and prosecuting of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, renewal or substitute, reissue, re-examination or extension. ASSIGNOR covenants and agrees to cooperate with ASSIGNEE in any interference, post-grant opposition or litigation regarding the invention, patents or applications regarding the invention, including testifying for the benefit of ASSIGNEE without further or other compensation than that provided in this Assignment.

ASSIGNOR covenants that no assignment, sale or agreement or encumbrance has been or will be entered into that would conflict with this Assignment.

ASSIGNOR requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to ASSIGNEE, and requests that any official of a patent office in any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to ASSIGNEE.

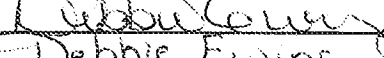
ASSIGNOR grants the ASSIGNEE and/or attorney of record a power to insert on this Assignment any further identification that may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at  
Indianapolis this 25 day of May, 2012.  
(City, State or Country if outside US)

  
Jian Xie  
INVENTOR/ASSIGNOR

ACKNOWLEDGEMENT

On this 25 day of May, 2012, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Notary Public   
Printed Name Debbie Ewing  
County of Hancock  
State of Indiana  
My Commission Expires 3/14/2013