

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3003988

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YE ZHUANG	08/22/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ENERGY AND ENVIRONMENTAL RESEARCH CENTER FOUNDATION	
<b>Street Address:</b>	15 NORTH 23RD STREET, STOP 9018	
<b>City:</b>	GRAND FORKS	
<b>State/Country:</b>	NORTH DAKOTA	
<b>Postal Code:</b>	58202-9018	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	7615101
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Email:</b>	request@slwip.com	
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.	
<b>Address Line 1:</b>	P.O. BOX 2938	
<b>Address Line 4:</b>	MINNEAPOLIS,, MINNESOTA 55402-0938	
<b>ATTORNEY DOCKET NUMBER:</b>	3338.000001	
<b>NAME OF SUBMITTER:</b>	MARINA KRAUT	
<b>SIGNATURE:</b>	/ M. Kraut /	
<b>DATE SIGNED:</b>	08/29/2014	
<b>Total Attachments: 4</b>		
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### CONFIRMATORY ASSIGNMENT

THIS CONFIRMATORY ASSIGNMENT ("Confirmatory Assignment") is made by Ye Zhuang, residing at Beijing, China ("Assignor"), to Energy and Environmental Research Center Foundation, a North Dakota nonprofit corporation having a business address of 15 N. 23<sup>rd</sup> Street, Stop 9018, Grand Forks, North Dakota, 58202-9018 ("Assignee") and is effective as of the date this Confirmatory Assignment is executed by Assignor.

WHEREAS, Assignor has invented the inventions disclosed in the patents and patent applications listed in Exhibit A attached (collectively, and including all such inventions and all patents and patent applications for such inventions that have now been, or may in the future be, filed and/or granted for such inventions, including without limitation those patents and patent applications listed in Exhibit A, "Inventions") and, for good and valuable consideration, has agreed to assign, and has assigned, all of Assignor's right, title and interest in and to the Inventions to Assignee; and

WHEREAS, Assignor desires to confirm and assure the assignment, sale and transfer to Assignee of any and all right, title, and interest Assignor has in the Inventions; and

WHEREAS, this Confirmatory Assignment confirms that all Inventions listed in Exhibit A belong exclusively to Assignee and that Assignor has assigned, sold and transferred to Assignee, and hereby further assigns, sells and transfers to Assignee, without any requirement of further consideration, the entire right, title and interest in and to the Inventions, in the United States and its territorial possessions, and in all foreign countries, including without limitation all rights to claim priority in and to any and all improvements which are disclosed in the Inventions, and that upon the request of the Assignee, Assignor will take such further actions, including without limitation execution and delivery of instruments of conveyance, as may be appropriate to give full and proper effect to such assignment.

NOW THEREFORE, in consideration of the foregoing premises, the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, sells and transfers to Assignee Assignor's entire right, title and interest in and to the Inventions, in the United States and its territorial possessions, and in all foreign countries, including without limitation: (1) all rights to claim priority in and to the Inventions and/or any and all improvements which are disclosed in the Inventions; (2) all rights with respect to the Inventions, including all United States patents and/or other

governmental grants and/or issuances that may be granted with respect to the Inventions and/or from any direct and/or indirect divisionals, continuations, continuations-in-part and/or other patent applications claiming priority rights from the Inventions; (3) all reissues, reexaminations, extensions and/or registrations of the foregoing; (4) all non-United States patents, patent applications and/or counterparts relating to the foregoing, including without limitation certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants and/or issuances, and including the right to file United States and/or foreign applications directly in the name of Assignee, its successors and assigns; (5) all causes of action and/or remedies related to the foregoing (including without limitation, the right to sue for past, present and/or future infringement, misappropriation and/or violation of rights related to any of the foregoing and the right to collect royalties and/or other payments under or on account of any of the foregoing); and, (6) any and all other rights and/or interests arising out of, in connection with and/or in relation to the foregoing.

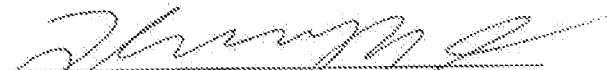
Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Confirmatory Assignment.

Assignor agrees now, and at any time and from time to time in the future, upon request of Assignee, Assignee's successors, legal representatives and/or assigns, and at Assignee's expense, to take, execute, acknowledge, and deliver all such further acts and deeds, assignments, instruments of transfer or conveyance, registrations for assignments, powers of attorney, declarations and/or assurances as may be required for the assigning, selling, transferring, assuring and confirming to Assignee, and Assignee's successors and assigns, and/or for aiding and assisting in collecting and reducing to possession, the rights assigned, sold and transferred under this Confirmatory Assignment, to participate in proceedings regarding such rights (including without limitation, any litigation and/or patent office proceedings) and/or to or perfect and/or defend title to such rights.

Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models and/or other governmental grants and/or issuances that may be granted upon the rights assigned, sold and transferred under this Confirmatory Assignment in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Confirmatory Assignment will inure to the benefit of Assignee, and Assignee's successors, legal representatives and assigns, and will be binding upon Assignor, and Assignor's successors, legal representatives and assigns.

By:

  
(Ye Zhuang, Signature ~~MUST~~ be attested)

ATTESTATION

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. 1746

The undersigned witnessed the signature of Ye Zhuang to the above Confirmatory Assignment and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Ye Zhuang is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on August 22 2014 to execute the above Confirmatory Assignment.
3. Ye Zhuang subscribed to the above Confirmatory Assignment.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on 08/22/2014 (date)

  
Print Name: CHEN ZHU

**Exhibit A**

1. U.S. Patent No. 7,615,101, issued November 10, 2009, titled "High Energy Dissociation for Mercury Control Systems"