

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Johna LEDDY</td> <td>07/29/2013</td> </tr> <tr> <td>Timothy M. PASCHKEWITZ</td> <td>07/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Johna LEDDY	07/29/2013	Timothy M. PASCHKEWITZ	07/20/2013						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>University of Iowa Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>Iowa Centers for Enterprise</td> </tr> <tr> <td>Internal Address:</td> <td>2660 University Capitol Centre</td> </tr> <tr> <td>City:</td> <td>Iowa City</td> </tr> <tr> <td>State/Country:</td> <td>IOWA</td> </tr> <tr> <td>Postal Code:</td> <td>52242-5500</td> </tr> </table>		Name:	University of Iowa Research Foundation	Street Address:	Iowa Centers for Enterprise	Internal Address:	2660 University Capitol Centre	City:	Iowa City	State/Country:	IOWA	Postal Code:	52242-5500
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	7033912901												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	9249-210US												
NAME OF SUBMITTER:	R. CREMEANS												
Signature:	/R. CREMEANS/												
Date:	08/05/2013												

OP \$40.00 13931368

Total Attachments: 4

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ASSIGNMENT AND AGREEMENT

WHEREAS, Johna LEDDY and Timothy Michael PASCHKEWITZ hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled **AMMONIA PRODUCTION USING BIOELECTROCATALYTICAL DEVICES** for which a non-provisional application for United States Letters Patent was filed on June 28, 2013, as Application No. 13/931,368 claiming priority to US Provisional Application No. 61/666,356.

WHEREAS, University of Iowa Research Foundation, a corporation organized under the laws of the State of Iowa, having its office at Iowa Centers for Enterprise, 2660 University Capitol Centre, Iowa City, Iowa 52242-5500 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified provisional application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

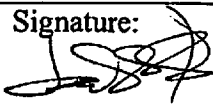
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and

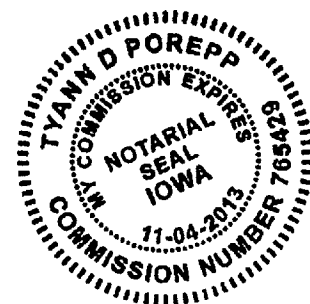
protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **The Marbury Law Group PLLC** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **The Marbury Law Group PLLC** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTORS			
Name: Johna LEDDY	Signature: 	Witnessed by:	Date: 7/29/13
Name: Timothy M. PASCHKEWITZ	Signature:	Witnessed by:	Date:



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