

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CLEMSON UNIVERSITY	01/27/2010
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CLEMSON UNIVERSITY RESEARCH FOUNDATION	
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14844654
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<b>ATTORNEY DOCKET NUMBER:</b>	CXUF-594-DIV (08-021)	
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<b>SIGNATURE:</b>	/Christina L. Mangelesn - 50244/	
<b>DATE SIGNED:</b>	09/03/2015	
<b>Total Attachments: 2</b>		
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08-021

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Brian Keith Ward	)	Examiner: Not Yet Assigned
	)	
Appl. No.: 12/615,558	)	Art Unit: 1797
	)	
Filed: 11/10/2009	)	Confirmation No.:
	)	
Title: Methods and Systems for	)	Deposit Acct. No.: 04-1403
Production of Organically	)	
Derived Ammonia/Ammonium	)	Customer No.: 22827

### ASSIGNMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

WHEREAS Clemson University, Office of Technology Transfer, 91 Technology Drive, Room 222, Anderson, SC 29625 (hereinafter referred to as Assignor), has previously been assigned the entire right, title and interest an application for Letters Patent of the United States of America for the invention which is entitled:

#### **"Methods and Systems for Production of Organically Derived Ammonia/Ammonium"**

AND WHEREAS, Clemson University Research Foundation, whose address is Post Office Box 946, Clemson, South Carolina 29633-0946 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by the Assignee to the Assignor of the sum of One U.S. Dollar (\$1.00 U.S.) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby sell, assign and transfers to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

The Assignor hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

The Assignor further covenant that the Assignor will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignor and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignor has executed this document on the date indicated below:

  
Clemson University

1-27-2010  
Date

CHIEF FINANCIAL OFFICER  
Title