

## 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>
	XIAOHU FAN	04/11/2012
	GREG AUSTIC	03/29/2013
<b>RECEIVING PARTY DATA</b>		
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<b>Postal Code:</b>	27559	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13979917
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	12105-US-PCT	
<b>NAME OF SUBMITTER:</b>	KRISTIN J. MCNAMARA	
<b>SIGNATURE:</b>	/kjmc/	
<b>DATE SIGNED:</b>	04/11/2016	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT OF INVENTION

WHEREAS, we, XIAOHU FAN, residing at 61 Dawson Lane, Pittsboro, NC 27312, and GREG AUSTIC, residing at 3765 Plaza Drive, Ann Arbor, MI 48108, have invented certain new and useful improvements for an ESTERIFICATION PROCESS, for which we have made applications for Letters Patent identified in Schedule A attached hereto;

AND WHEREAS, RACHEL BURTON, residing at 55 Thomas Lane, Moncure, NC 27559, hereinafter called the "Assignee," desires to acquire all right, title and interest in and to said inventions and patent applications within the United States and its territorial possessions and all foreign countries, and any United States or foreign Letters Patent that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and with the intention of being legally bound hereby, we confirm that we have sold, assigned and transferred, and do hereby sell, assign and transfer to said Assignee the entire right, title and interest in and to our inventions and patent applications within the United States of America and its territorial possessions and all foreign countries, and in and to any Letters Patent of the United States and all foreign countries that may be granted therefor, including all divisions, continuations, continuations-in-part, substitutes, patents of addition, reissues, reexaminations, renewals and extensions thereof, and the right to apply for Letters Patent in foreign countries with full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any international convention for the protection of industrial property, together with the right to extend the protection of said United States Letters Patent to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made. And we do hereby request and authorize the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all said Letters Patent, when granted, in accordance with the terms of this assignment.

We further covenant and agree with the Assignee that we have full and unencumbered title to the inventions and patent applications herein assigned, which title we warrant unto the Assignee, and we further agree that, when requested, we will, without demanding any further consideration therefor but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgement of instruments, that may be or become necessary for obtaining, sustaining or renewing United States or foreign Letters Patent for the said inventions and patent applications, and for maintaining and perfecting the Assignee's right to said inventions, patent applications and Letters Patent particularly in cases of interference and litigation.

WITNESS WHEREOF, we, the said inventors have executed this Assignment under

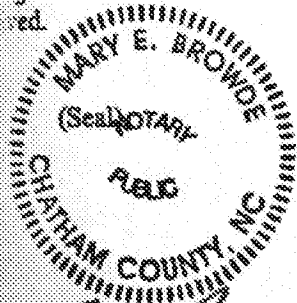
seal

Xiaohu Fan  
Xiaohu Fan

4/11/2012  
Date

STATE OF NC )  
COUNTY OF Chatham )

Before me personally appeared the above-named Xiaohu Fan, on this the 11<sup>th</sup> day of April, 2012, to me known and known to be the inventor named and acknowledged that he executed the foregoing instrument on his behalf and pursuant to authority duly vested.



Mary E. Browde  
Notary Public

My Commission Expires 5/12/2013

Greg Austin  
Greg Austin

3/29/12  
Date

STATE OF Michigan )  
COUNTY OF Washtenaw )

Before me personally appeared the above-named Greg Austin, on this the 2<sup>nd</sup> day of March, 2012, to me known and known to be the inventor named and acknowledged that he executed the foregoing instrument on his behalf and pursuant to authority duly vested.

(Seal)

Michael Elan Morgan  
Notary Public

My Commission Expires SEP 13, 2015