

## PATENT ASSIGNMENT COVER SHEET

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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>NAVINCHANDRA S. ASTHANA</td><td>11/24/2008</td></tr><tr><td>DENNIS J. MILLER</td><td>11/17/2008</td></tr><tr><td>CARL T. LIRA</td><td>11/17/2008</td></tr><tr><td>EVAN BITTNER</td><td>12/15/2008</td></tr></tbody></table>		Name	Execution Date	NAVINCHANDRA S. ASTHANA	11/24/2008	DENNIS J. MILLER	11/17/2008	CARL T. LIRA	11/17/2008	EVAN BITTNER	12/15/2008
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<table border="1"><tr><td>Name:</td><td>BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY</td></tr><tr><td>Street Address:</td><td>450 ADMINISTRATION BUILDING</td></tr><tr><td>City:</td><td>EAST LANSING</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48824-1046</td></tr></table>		Name:	BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY	Street Address:	450 ADMINISTRATION BUILDING	City:	EAST LANSING	State/Country:	MICHIGAN	Postal Code:	48824-1046
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CORRESPONDENCE DATA											
Fax Number: (312)474-0448											
Phone: 312-474-6300											
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP											
Address Line 1: 233 S. WACKER DRIVE											
Address Line 2: 6300 WILLIS TOWER											
Address Line 4: CHICAGO, ILLINOIS 60606-6357											
ATTORNEY DOCKET NUMBER:	32213/866B										
NAME OF SUBMITTER:	KARIN KRAHN										

Signature:	/Karin Krahn/
Date:	11/12/2013
<b>Total Attachments: 4</b> source=866B Assignment#page1.tif source=866B Assignment#page2.tif source=866B Assignment#page3.tif source=866B Assignment#page4.tif	

ASSIGNMENT

WHEREAS, we, Navinchandra S. Asthana, Dennis J. Miller, Carl T. Lira and Evan Bittner, residing at 5524 Calle De Oro, Evansville, Indiana 47712; 5214 Whitetail Circle, Okemos, Michigan 48864; 131 Oakland Drive, East Lansing, Michigan 48823; and 731 Burcham, Apt D205, East Lansing, Michigan 48823, respectively have invented certain new and useful improvements in **PROCESS FOR PRODUCING MIXED ESTERS OF FATTY ACIDS AS BIOFUELS** for which an application for United States Letters Patent was filed on 11/19/2008 and assigned Serial No. 12/313,343; and

WHEREAS, Board of Trustees, a constitutional Corporation of MICHIGAN STATE UNIVERSITY, (hereinafter referred to as Assignee) of East Lansing, State of Michigan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted based upon the application in the United States and in any and all foreign countries as well as the right to priority based upon the application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, we the said Navinchandra S. Asthana, Dennis J. Miller, Carl T. Lira and Evan Bittner, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the Assignee of our entire right, title and interest in and to the same for the sole use and behoof of the said Assignee, its successors and assigns.

FURTHER, we agree that we will communicate to said Assignee or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24<sup>th</sup> day of November, 2008.

Signed in the Presence of:

Betty Greenwell  
Witness Signature

Navin Asthana  
Navinchandra S. Asthana

STATE OF INDIANA :

ss.

COUNTY OF Warrick:

On this 24<sup>th</sup> day of November, 2008, personally appeared before me the above named Navinchandra S. Asthana to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

Betty Greenwell  
Notary Public

My Commission Expires: Sept. 22, 2013

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of November, 2008.

Signed in the Presence of:

[Signature]  
Witness Signature

Dennis J. Miller  
Dennis J. Miller

STATE OF MICHIGAN :

ss.

COUNTY OF INGHAM :

On this 17<sup>th</sup> day of November, 2008, personally appeared before me the above named Dennis J. Miller to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

Tammi L. Taylor  
Notary Public

My Commission Expires: TAMMI L. TAYLOR  
NOTARY PUBLIC-STATE OF MICHIGAN  
COUNTY OF INGHAM  
My Commission Expires Oct. 27, 2014

IN TESTIMONY WHEREOF, I have hereunto set my  
hand this 17 day of November, 2008.

Signed in the Presence of:

[Signature]  
Witness Signature

Carl T. Lira  
Carl T. Lira

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 17<sup>th</sup> day of November, 2008,  
personally appeared before me the above named Carl T.  
Lira to me known and known to me to be the person  
described in and who executed the foregoing instrument  
and acknowledged the same to be his free act and deed in  
and for the purposes set forth in said instrument.

SEAL

Tammi L. Taylor  
Notary Public  
My Commission Expires: **TAMMI L. TAYLOR**  
**NOTARY PUBLIC-STATE OF MICHIGAN**  
**COUNTY OF INGHAM**  
**My Commission Expires Oct. 27, 2014**

IN TESTIMONY WHEREOF, I have hereunto set my  
hand this 15 day of December, 2008.

Signed in the Presence of:

[Signature]  
Witness Signature

Evan Bittner  
Evan Bittner

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 15 day of December, 2008,  
personally appeared before me the above named Evan  
Bittner to me known and known to me to be the person  
described in and who executed the foregoing instrument  
and acknowledged the same to be his free act and deed in  
and for the purposes set forth in said instrument.

SEAL

[Signature]  
Notary Public  
My Commission Expires: 05-07-2013

SUSAN GOOD  
Notary Public, State of Michigan  
County of Ingham  
My Commission Expires May. 07, 2013  
Acting in the County of Ingham **PATENT**