

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark T. Holtzapple</td> <td>03/22/2010</td> </tr> <tr> <td>Cesar B. Granda</td> <td>03/19/2010</td> </tr> <tr> <td>Sebastian Taco-Vasquez</td> <td>03/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mark T. Holtzapple	03/22/2010	Cesar B. Granda	03/19/2010	Sebastian Taco-Vasquez	03/22/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>THE TEXAS A&amp;M UNIVERSITY SYSTEM</td> </tr> <tr> <td>Street Address:</td> <td>3369 TAMU</td> </tr> <tr> <td>City:</td> <td>College Station</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77843-3369</td> </tr> </table>		Name:	THE TEXAS A&M UNIVERSITY SYSTEM	Street Address:	3369 TAMU	City:	College Station	State/Country:	TEXAS	Postal Code:	77843-3369
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (713)238-8008</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713.238.8000</p> <p>Email: twestby@conleyrose.com</p> <p>Correspondent Name: Timothy S. Westby</p> <p>Address Line 1: Conley Rose, P.C.</p> <p>Address Line 2: P. O. Box 3267</p> <p>Address Line 4: Houston, TEXAS 77253-3267</p>											
ATTORNEY DOCKET NUMBER:	2838-02001										
NAME OF SUBMITTER:	Timothy S. Westby										
<p>Total Attachments: 4</p> <p>source=AssignmentTAMUS#page1.tif</p>											

CH \$40.00 12629285

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**PATENT**  
**REEL: 024175 FRAME: 0279**

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## ASSIGNMENT

IN CONSIDERATION OF ONE DOLLAR (\$1.00) cash in hand paid to me by **The Texas A&M University System**, the receipt and sufficiency of which are hereby acknowledged, we, **Mark T. HOLTZAPPLE, Cesar B. GRANDA, and Sebastian TACO-VASQUEZ** ("ASSIGNORS"), having made an invention in **ALTERNATIVE PATHS TO ALCOHOLS AND HYDROCARBONS FROM BIOMASS**, while in the employ either as an employee or consultant of **The Texas A&M University System**, a university/corporation organized and existing under the laws of the State of Texas, doing business at 3369 TAMU, College Station, TX 77843-3369 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said **The Texas A&M University System**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "*Alternative Paths to Alcohols and Hydrocarbons from Biomass*";
2. United States of America patent application on said invention, Application Serial No. 12/629,285, filed December 2, 2009, Attorney's File No. 2838-02001, entitled "*Alternative Paths to Alcohols and Hydrocarbons from Biomass*";
3. United States of America provisional patent application on said invention, Application Serial No. 61/119,250, filed December 2, 2008, Attorney's File No. 2838-02000, entitled "*Alternative Paths to Alcohols and Hydrocarbons from Biomass*";
4. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
5. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
6. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

7. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
8. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
9. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that our, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

Date: 22 MAR '10

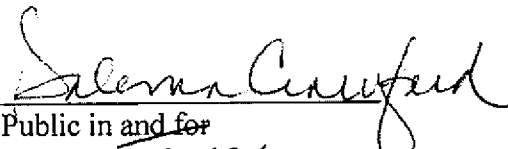
ASSIGNOR  
  
Mark T. HOLTZAPPLE

THE STATE OF Texas §  
COUNTY OF Brazos §

BEFORE ME, the undersigned authority, on this day personally appeared **Mark T. HOLTZAPPLE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22 day of March, 2010.



  
Notary Public in and for  
the State of Texas

My Commission Expires:  
\_\_\_\_\_

\*\*\*\*\*

ASSIGNOR

Date: MARCH 19<sup>th</sup>, 2010

Cesar B. GRANDA

THE STATE OF Texas §  
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Cesar B. GRANDA**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 19<sup>th</sup> day of March, 2010.



Toni Ann Skees  
Notary Public in and for  
the State of Texas

My Commission Expires:  
2-8-14

\*\*\*\*\*

ASSIGNOR

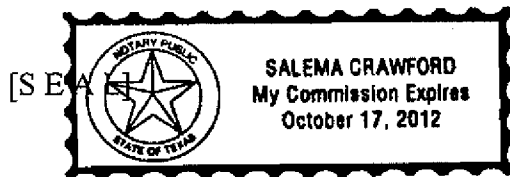
Date: 22 MAR '10

  
Sebastian TACO VASQUEZ

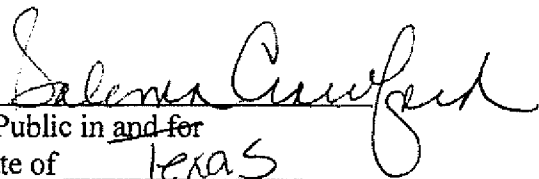
THE STATE OF Texas §  
COUNTY OF Brazos §

BEFORE ME, the undersigned authority, on this day personally appeared **Sebastian TACO**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

March GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22 day of \_\_\_\_\_, 2010.



My Commission Expires:  
\_\_\_\_\_

  
Notary Public in and for  
the State of Texas

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