503831972 05/18/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3878620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRANDON A. RODRIGUEZ	04/05/2013

RECEIVING PARTY DATA

Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14760321

CORRESPONDENCE DATA

Fax Number: (937)449-6405

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

9374496400 Phone:

Email: katherine.ghearing@dinsmore.com

Correspondent Name: **DINSMORE & SHOHL LLP**

Address Line 1: FIFTH THIRD CENTER, ONE S. MAIN ST.

Address Line 2: **SUITE 1300**

Address Line 4: DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER:	DOW 74419 PA / 40224-396
NAME OF SUBMITTER:	KATHERINE GHEARING
SIGNATURE:	/Katherine Ghearing/
DATE SIGNED:	05/18/2016

Total Attachments: 2

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> **PATENT REEL: 038635 FRAME: 0488**

503831972

●660 ● 660 ●

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES LLC

2040 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: April 5, 2013; effective as of March 28, 2013

From, the ASSIGNOR: Brandon A. Rodriguez, 3020 Caroline St, Houston, Texas 77004, United States of America, Citizen of Canada

of the invention entitled:

FERMENTATION BASED ON HYDROLYZED CORN MASH TO PRODUCE PROPIONIC ACID

without any restrictions and with all rights and obligations deriving therefrom and declare that this

confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.
Signed at Midland, Michigan 48674, USA
this 2 day of May , 20 13
DOW GLOBAL TECHNOLOGIES LLC
CORP. SEAT: By: Juseu M Leew
SUSAN M. ZERULL Authorized Representative
NOTARIAL CERTIFICATE (Limited Liability Company)
UNITED STATES OF AMERICA) STATE OFMICHIGAN) SS County/Parish of Midland)
On this 2 day of Wolf , 20 3 , personally appeared before me, SUSAN M. ZERULL, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Limited Liability Company incorporated under the laws of the State of Delaware, United States of America.
I further certify that said authority, dated June 1, 2012, is based on
A delegation of signature authority of said Limited Liability Company
which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said Limited Liability Company and that the purposes for which said document is granted are within the scope of the objects or activities of said Limited Liability Company.

SEAL

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

> **PATENT** REEL: 038635 FRAME: 0489

Freeport, Texas 77541, USA

This Assignment | 10 or on the ENGLISH language and has the numer occasion of business of the languages with the same 1) Occasions and R-Date

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FORM 110 (R 5:97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: FERMENTATION BASED ON HYDROLYZED CORN MASH TO PRODUCE PROPIONIC ACID

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674

a limited liability company organized and existing under the laws of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Piling Country

	····	7333 55	
- 1	Priority Number	Filing Date	Filing Country
	61/806,081	March 28, 2013	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I'we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

At:

Subscribed and Declared by me/us:

At:

this 5th day of APRIL , 20 17	this, 20, 20
Effective as of March 28, 2013	
Signature:	Signature:
Full Name: Brandon A. Roongust	Full Name:
Residence: 3020 Caroline St	Residence:
Houston, Texas 77004	
Country: United States of America	Country:
Citizenship: Canada	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:
At:	At:
1.61. 3	this day of , 20
this day of 20	uay or, zo
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RECORDED: 05/18/2016

PATENT REEL: 038635 FRAME: 0490