

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5448384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PARESH C. SANGHANI	11/14/2016
SARAH DELAPLANE	11/14/2016
RECEIVING PARTY DATA	
Name:	THE DOW CHEMICAL COMPANY
Street Address:	2030 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16338098
CORRESPONDENCE DATA	
Fax Number:	(937)449-6405
<i>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.</i>	
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Correspondent Name:	DINSMORE & SHOHL LLP
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Address Line 2:	FIFTH THIRD CENTER, SUITE 1300
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ATTORNEY DOCKET NUMBER:	79045-US-PCT/DOW 79045 PA
NAME OF SUBMITTER:	JENNIFER A. HUFFMAN
SIGNATURE:	/Jennifer A. Huffman/
DATE SIGNED:	03/29/2019
Total Attachments: 3	
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source=Statement#page8.tif	

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared. The original document(s) contains the authentic signature(s) from the inventor(s).

at Lake Jackson, Texas 77566 USA
this 29th day of January 2019

Jenna Boyd
Jenna Boyd
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF TEXAS) SS
County/Parish of Brazoria)

On this 29th day of January 2019, personally appeared before me,

Jenna Boyd

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Lauren Perkins
Notary Public

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number 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: **PROCESSES TO PREPARE ELONGATED 2-KETOACIDS AND C5-C10 COMPOUNDS THEREFROM VIA GENETIC MODIFICATIONS TO MICROBIAL METABOLIC PATHWAYS**

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:

The Dow Chemical Company
2030 Dow Center
Midland, Michigan 48674
United States of America

an entity organized and existing under the laws of the state 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 Filing Country

Priority Number	Filing Date	Filing Country
62/402,586	September 30, 2016	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.

Subscribed and Declared by me/us:

At: <u>Indianapolis, Indiana 46268, USA</u> this <u>14th</u> day of <u>November</u> , 20 <u>16</u> Effective as of September 30, 2016 Signature: <u><i>P. C. Sanghani</i></u> Full Name: Paresh Sanghani Mailing Address: 9330 Zionsville Road Indianapolis, Indiana 46268 United States of America

At: <u>Indianapolis, Indiana 46268, USA</u> this <u>14th</u> day of <u>November</u> , 20 <u>16</u> Effective as of September 30, 2016 Signature: <u><i>Sarah Delaplane</i></u> Full Name: Sarah Delaplane Mailing Address: 9330 Zionsville Road Indianapolis, Indiana 46268 United States of America
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At: _____ this _____ day of _____, 20____ Effective as of _____, 20____ Signature: _____ Full Name: _____ Mailing Address: _____

At: _____ this _____ day of _____, 20____ Effective as of _____, 20____ Signature: _____ Full Name: _____ Mailing Address: _____
