

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7067892

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PARESH C. SANGHANI	11/07/2017
ERIC C. SHIUE	11/27/2017
SCOTT A. GREENWALT	11/07/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DOW CHEMICAL COMPANY
<b>Street Address:</b>	2211 H.H. DOW WAY
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17547689
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(937)449-6405
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<b>NAME OF SUBMITTER:</b>	CHRISTI PROVINI
<b>SIGNATURE:</b>	/Christi Provini/
<b>DATE SIGNED:</b>	12/10/2021
<b>Total Attachments: 3</b>	
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source=Inventors_to_TheDowChemicalCo#page3.tif	

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
United States of America

hereby accept the ASSIGNMENT which is dated: November 7, 2017; November 27, 2017; and November 7, 2017; effective as of September 29, 2017

From, the ASSIGNORS: Pares C. Sanghani, at 9330 Zionsville Road, Indianapolis, Indiana 46268, United States of America; Eric C. Shiue, at 509 Lee Street, Apt 2, Evanston, Illinois 60202, United States of America; and Scott A. Greenwalt, at 9330 Zionsville Road, Indianapolis, Indiana 46268, United States of America

of the invention entitled:

GENETICALLY MODIFIED ISOPROPYLMALATE ISOMERASE ENZYME COMPLEXES  
AND PROCESSES TO PREPARE ELONGATED 2-KETOACIDS AND C5-C10  
COMPOUNDS THEREWITH

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 3rd day of January, 20 18

CORP.  
SEAL

THE DOW CHEMICAL COMPANY

By: Darryl P. Frickey  
**DARRYL P. FRICKEY**  
 Authorized Representative

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:

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

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.

Subscribed and Declared by me/us:

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of September 29, 2017

Signature: \_\_\_\_\_

Full Name: Eric C. Shiue  
 Mailing Address: 509 Lee Street  
 Apt 2  
 Evanston, Illinois 60202  
 United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and 110 Date

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and 110 Date

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FORM 110 (R 5/87)

## 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: **GENETICALLY MODIFIED ISOPROPYLMALATE ISOMERASE ENZYME COMPLEXES AND PROCESSES TO PREPARE ELONGATED 2-KETOACIDS AND C5-C10 COMPOUNDS THEREWITH**

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
62/565,271	September 29, 2017	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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of September 29, 2017  
Signature: \_\_\_\_\_  
Full Name: Paresh Sanghani  
Mailing Address: 9330 Zionsville Road  
Indianapolis, Indiana 46268  
United States of America

At: Evanston, IL  
this 27th day of November, 2017  
Effective as of September 29, 2017  
Signature: [Signature]  
Full Name: Eric C. Shue  
Mailing Address: 509 Lee Street  
Apt 2  
Evanston, Illinois 60202  
United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of September 29, 2017  
Signature: \_\_\_\_\_  
Full Name: Scott A. Greenwalt  
Mailing Address: 9330 Zionsville Road  
Indianapolis, Indiana 46268  
United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_