

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6471367

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW T. PRETZ	08/10/2018
MARK W. STEWART	09/04/2018
LIN LUO	08/10/2018
HANGYAO WANG	08/13/2018
RECEIVING PARTY DATA	
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2211 H.H. DOW WAY
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17256706
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>	
Phone:	9374496400
Email:	daytonipdocket@dinsmore.com
Correspondent Name:	DINSMORE & SHOHL LLP
Address Line 1:	ONE SOUTH MAIN STREET
Address Line 2:	FIFTH THIRD CENTER, SUITE 1300
Address Line 4:	DAYTON, OHIO 45402
ATTORNEY DOCKET NUMBER:	82077-US-PCT/DOW 82077 PA
NAME OF SUBMITTER:	KATHERINE GHEARING
SIGNATURE:	/Katherine Ghearing/
DATE SIGNED:	12/29/2020
Total Attachments: 6	
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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 20th day of October 20 20

Jenna Boyd
Jenna Boyd
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

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

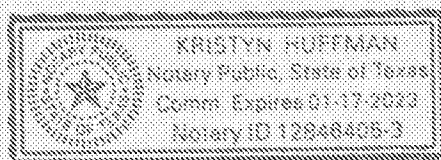
On this 20th day of October 20 20, personally
appeared before me,

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.

SEAL

Kristyn Huffman
Notary Public



[illegible]

This Assignment 1.12 is in the GNU-1.31 package and has the same meaning as other languages with the same 1.12 number and 2/Disc.

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: **CHEMICAL PROCESSING UTILIZING HYDROGEN CONTAINING SUPPLEMENTAL FUEL FOR CATALYST PROCESSING**

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
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
62/694,193	July 5, 2018	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: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018
Signature: _____
Full Name: Matthew T. Pretz
Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: Freeport, Texas 77541, USA
this 17th day of September, 2018
Effective as of July 5, 2018
Signature: _____
Full Name: Mark W. Stewart
Mailing Address: 1254 Enclave Parkway
Houston, Texas 77077
United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018
Signature: _____
Full Name: Lin Luo
Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018
Signature: _____
Full Name: Hangyao Wang
Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

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

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

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: **CHEMICAL PROCESSING UTILIZING HYDROGEN CONTAINING SUPPLEMENTAL FUEL FOR CATALYST PROCESSING**

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
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
62/694,193	July 5, 2018	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: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018

Signature: _____
Full Name: Matthew T. Pretz
Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018

Signature: _____
Full Name: Mark W. Stewart
Mailing Address: 1254 Enclave Parkway
Houston, Texas 77077
United States of America

At: Freeport, Texas 77541, USA
this 10 day of August, 2018
Effective as of July 5, 2018

Signature: _____
Full Name: Lin Liao
Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

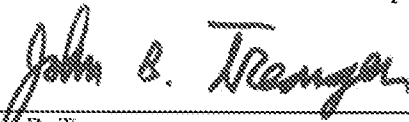
At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of July 5, 2018

Signature: _____
Full Name: Hangyao Wang
Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

CHANGE OF ADDRESS NOTIFICATION

Company Name:	Dow Global Technologies LLC
New Address:	2211 H.H. Dow Way Midland, Michigan 48674

I, John B. Treangen, being a representative of the above-identified company, hereby execute this notification confirming that Dow Global Technologies LLC has a new business location address, which is listed above. Our representative, Dinsmore & Shohl LLP, has the rights to update the business address on any, and all, documentation before the United States Patent and Trademark Office requiring the change.

Signature: 
John B. Treangen
Authorized Representative

Date: October 28, 2020