

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7512132

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	3
CONVEYING PARTY DATA	
Name	Execution Date
WESLEY R MARIOTT	09/14/2018
ROGER L KUHLMAN	11/28/2018
PHUONG A CAO	10/20/2018
SWAPNIL B CHANDAK	11/07/2018
PRADEEP JAIN	09/17/2018
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:	16971455
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<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:	989-636-2884
Email:	FGLMFRR@dow.com
Correspondent Name:	DANNY CHILDS
Address Line 1:	2211 H.H. DOW WAY
Address Line 2:	SSC-1338
Address Line 4:	MIDLAND, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	81750-US-PCT
NAME OF SUBMITTER:	DANNY CHILDS
SIGNATURE:	/Danny Childs/
DATE SIGNED:	08/30/2022

Total Attachments: 6

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ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT which is dated: September 14, 2018; November 28, 2018; October 20, 2018; November 7, 2018; and March 26, 2018, respectively

From, the ASSIGNORS: Wesley R. Mariott, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Roger L. Kuhlman, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Phuong A. Cao, 65 Backland Avenue, Middlesex, New Jersey 08846, United States of America; Swapnil B. Chandak, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; and Pradeep Jain, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America

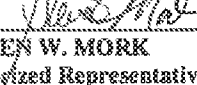
of the invention entitled:

SPRAY-DRIED ZIRCONOCENE CATALYST SYSTEM

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 1st day of February, 20 19

DOW GLOBAL TECHNOLOGIES LLC

By: 
STEVEN W. MORK
 Authorized Representative

CORP.
SEAL

This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and 507 title.

This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and 507 title.

FORM 110 (R 3/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verify 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: **SPRAY-DRIED ZIRCONOCENE CATALYST SYSTEM**

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
62/647,867	March 26, 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 recording 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: LAKE JACKSON, TX
this 14 day of SEPTEMBER, 2018
Effective as of March 26, 2018
Signature: [Signature]
Full Name: Wesley R. Marion
Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018
Signature: _____
Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018
Signature: _____
Full Name: Phuong A. Cao
Mailing Address: 65 Backland Avenue
Middletown, New Jersey 08846
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018
Signature: _____
Full Name: Swapnil B. Chandak
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018
Signature: _____
Full Name: Pradeep Jain
Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018
Signature: _____
Full Name: _____
Mailing Address: _____

This Assignment is in the English language and has the same meaning in other languages with the same title number and title.

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FORM 110 (R 5/97)

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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: **SPRAY-DRIED ZIRCONOCENE CATALYST SYSTEM**

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
62/647,867	March 26, 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 recording 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 March 26, 2018

Signature: _____
Full Name: Wesley R. Marion
Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566
United States of America

At: Lake Jackson, Texas
this 28 day of January, 2018
Effective as of March 26, 2018

Signature: Roger L. Kuhlman
Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018

Signature: _____
Full Name: Phuong A. Cao
Mailing Address: 65 Backland Avenue
Middlesex, New Jersey 08846
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018

Signature: _____
Full Name: Swapnil B. Chandak
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018

Signature: _____
Full Name: Pradeep Jain
Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566
United States of America

At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018

Signature: _____
Full Name: _____
Mailing Address: _____

0123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899

This Assignment 110 is in the LINGUISTIC LANGUAGE and has the same structure to other assignments with the same 110-number and 110-date.

FORM 110 (8-83)

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: **SPRAY-DRIED ZIRCONOCENE CATALYST SYSTEM**

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 nominees(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 Conventions(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
62/647,867	March 26, 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. 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 documents relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

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 recording of this Assignment, or a Notarial True Copy thereof, being under covenant not only that 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 March 26, 2018

Signature: _____
Full Name: Wesley R. Mariott
Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas: 77566
United States of America

At: _____
 this _____ day of _____, 20____
 Effective as of March 26, 2018

Signature: _____
 Full Name: Roger L. Kuhlman
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: New York, NY
 this 22 day of October, 2018
 Effective as of March 26, 2018
 Signature: Phuong A. Cao
 Full Name: Phuong A. Cao
 Mailing Address: 65 Backland Avenue
 Middlerex, New jersey 08846
 United States of America

At: _____
 this _____ day of _____, 20____
 Effective as of March 26, 2018

Signature: _____
 Full Name: Swapnil B. Chandak
 Mailing Address: 230 Ahmer Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: _____
 this _____ day of _____, 20____
 Effective as of March 26, 2018
 Signature: _____
 Full Name: Pradeep Jain
 Mailing Address: 230 Abner Jackson Pkwy
 Lake Jackson, Texas 77566
 United States of America

At: _____
 this _____ day of _____, 20____
 Signature: _____
 Poll Name: _____
 Mailing Address: _____

(with Priority Rights)

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.

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 this _____ day of _____, 20____
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 Full Name: _____
 Mailing Address: _____

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Dow Global Technologies LLC
2040 Dow Center
Midland, Michigan 48674
United States of America

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Priority Number	Filing Date	Filing Country
62/847,867	March 25, 2018	United States of America

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 recording of this Assignment, or a Notarized True Copy thereof, being under covenant not only that 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: _____
 this _____ day of _____, 20____
 Effective as of March 26, 2018

Signature: _____
 Full Name: Wesley R. Mariott
 Mailing Address: 230 Abner Jackson Pkwy
 Lake Jackson, Texas 77566
 United States of America

At: _____
 this _____ day of _____, 20____
 Effective as of March 26, 2018

Signature: _____
 Full Name: Roger L. Kuhlman
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America


At: _____
this _____ day of _____, 20____
Effective as of March 26, 2018

Signature: _____
Full Name: Phuong A. Cao
Mailing Address: 65 Backland Avenue
Middlesex, New Jersey 08846
United States of America

At: _____
 this _____ day of _____, 20 _____
 Effective as of March 26, 2018

Signature: _____
 Full Name: Swapnil B. Chandak
 Mailing Address: 230 Almer Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: Lake Jackson, Tx, USA
 this 17 day of September, 2018
 Effective as of March 26, 2018

Signature: 
 Full Name: Pradeep Jain
 Mailing Address: 238 Ahner Jackson Pkwy
 Lake Jackson, Texas 77566
 United States of America

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