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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

	to the o	636-3237 e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.	
Phone:	989-636-2884		
Email:	FGLN	/FRR@dow.com	
Correspondent Name:	DAN	Y 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	

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ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

E: DOW GLOBAL TECHNOLOGIES LLC 2840 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 Backeland 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; and Pradeep Jain, 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 12	day of	February	. 20 _[?	
CORP		By: STEVEN	LITECHX®LOGIES	LLC
		Authorite	d Representative	

PATENT REEL: 060940 FRAME: 0114

FORM 110 (8 3/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I'we verily believe I am/we use 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 coarse of my/our employment with my/our respective employers as stated below my/our name(s). Uwe acknowledge that t/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 remaneration received for my/our work. Uwe sell, assign and transfer unto:

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

an entity arganized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"); my/our entitie 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(5)); 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, fortenal Convention(s) and Treaties in the name of Assignee, and do hereby authority: Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filine Country
63/647,867	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. Use do hereby agree to assist Assignee in the protection 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.

If 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 means:

and the second	······
AL LAKE JACKSON, 7X	At:
this 14 day of Second and 12 18	this day of , 20 Effective as of March 26, 2018
At: LAKE C. ACK SON. TX this 14 day of Scipture Base . 20 18 Effective as of March 26, 2018 Signature:	Effective as of March 26, 2018
a de Sunt un faire	
	Signature:
Full Name: Wesley R. Marion	Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
At:	At:
this day of	this day of , 20
Effective as of March 26, 2018	At:
·····	
Signature	Signature
Full Name: Phuong A. Cao	Full Name: Swapnil B. Chandak
Mailing Address: 65 Backeland Avenue	Mailing Address: 230 Abner Jackson Parkway
Middlesex, New Jersey 08846	Lake Jackson, Texas 77566
United States of America	United States of America
At:	Atc
this day of	this day of
Effective as of March 26, 2018	
Signature	Signature:
Signature: Full Nume: Prodect Jain	Full Name:
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address
Lake Jackson, Texas 77566	
United States of America	

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FORM 110 (k 549)

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I've 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 emitled: 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). Uwe acknowledge that Uwe 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 remaneration meetved for my/our work. Uwe sell, assign and transfer unto:

Bow 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 "Assigner"); 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 Fatent 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 Trenties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

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62/647.887	March 26, 2018	Inited States of America	i i
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Subscribed and Declared by me/us.

At:	As Isherrackson Thave
this day of 90	Al. Lake Bellion Text
Effective as of March 26, 2018	Effective as of March 26, 2018
Signature:	signature: Real Lila
Full Name: Wesley R. Marion	Full Name: Roger L. Kühinus
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
·······	
At:	At:
in day of Marine Marine	this day of
Effective as of March 26, 2018	Effective as of March 26, 2018
Signature	Signature
Full Name: Phuong A. Can	Full Name: Swapail B. Chandak
Mailing Address: 65 Backeland Avenue	Mailing Address: 230 Abner Jackson Parkway
Middlesex, New Jersey 08846	Loke Jackson, Texas 77566
United States of America	United States of America
	A
At:	Ac
this day of , 20	this day of
Effective as of March 26, 2018	
Signature:	Signature
Full Name: Pradeep Jain	Full Name.
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address:
Lake Jackson, Texas 77566	
United States of America	
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FORM 110 (8 587)

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(with Priority Rights)

Uwe varily believe I and/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 ZIRCONDEENE CATALYST SYSTEM

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for my/our work, I/we sell, assign and immitter unio: Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674 United States of America an antity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"), my/our entire right, title and internst throughout the world, in and to the invention and all rights and powers to make applications, including previsional applications when internst throughout the world, in and to the invention and all rights and powers to make applications, including previsional applications when internst throughout the world, in and to the invention and all rights and powers to make applications, including previsional 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 insen here the Priority Number, Filing Date, and Filing Country

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Subscribed and Declared by me/us:

Ar:	Ac:
this day of . 20	this day of , 20
litis day of 20 Effective as of March 26, 2018	this day of
Signorure:	Signatum:
Full Name: Wesley R. Marintt	Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Pashway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
AT NEW YORE, NY	
this <u>\$2,2</u> day of <u>\$2,67,6287</u> , 20]	this day of 20
Fileritye as of March 26, 2018	this day of
2	Kanada o an anaran kaya kana
Signature: DUUNG Cas	Signature
Full Name: Philong A. Coo /	Full Name: Swapnil B, Chandak
Mailing Address: 65 Backeland Avenue	Mailing Address: 230 Abuter Jackson Parkway
Middlesex, New Jersey 08846	Lake Jackson, Texas 77566
United States of America	United States of America
	3
Al:	At:
thisday of, 20, 20	this day of20
TEHOCUVE AS OF March 26, 2018	
Signature:	Signature:
Full Name: Pradeup Isin	Full Name:
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address:
Lake Jackson, Texas 77566	
United States of America	

FORM 110 (# SSN

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Subscribed and Declared by me/us.

Ar:	At
this day of , 20	dis day of
this day of , 20 Effective as of March 26, 2018	unis day of
Signature:	Signature:
Full Name: Wesley R. Mariott	Full Name: Roger L. Kuhlman
Mailing Address: 230 Abaer Jackson Pkwy	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
······································	
At:	AL HOUSTON, TX this 7 day of NOVEMBER, 20 18
this day of	this day of <u>NOVEMBER</u> , 20 1B Effective as of March 26, 2018
Effective as of March 26, 2018	Effective as of March 26, 2018
or	
Signature	Signature: PL And AL Full Nense: Swapnike: Chandak Molling Address: 11205 Windy Court Philip
Full Name. Phuong A, Cao	Full Name: Swapnil B. Chandak
Mailing Address: 65 Backeland Avenue	fundring conness. Clonb a gird Cicck Philo
Middlesex, New Jersey 08846	Pearland, TX 77584
United States of America	
Ai	At:
this day of 20	this day of ,20
this day of, 20 Effective as of March 26, 2018	
Signatum	Signature
Fill Name: Pradeen Jain	Full Name
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address:
Lake Jackson, Texas 77566	comments reacted a.
United States of America	
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CASE NO. 81750-US-PSP tw

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This Assignment Hous in the ENGLISH Language and has the same FORM 110 (8.587)

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At	las
(C)	this day of 20
this day of	this day of, 20, 20
Signature:	Signature:
Full Name: Wesley R. Mariott	Full Name: Roger L. Kuhiman
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
launanananan	**************************************
At:	At:
this day of	this day of , 20
Effective as of March 26, 2018	this day of, 20, 20, 20,
ert	
Signature:	Signature
Full Name: Phuong A. Cao	Full Name: Swapnil B. Chandak
Mailing Address: 65 Backeland Avenue	Mailing Address: 230 Abner Jackson Parkway
Middlesex. New Jersey 08846	Lake Jackson, Texas 77566
United States of America	United States of America
At: Jake Jakton, TX, USA this / Z day of Legtamby 20/8	At:
this 17 day of Deptermilier, 2018	this day of ,20
Effective as of March 26, 2019	
Signature: Crr 9	
Signature:	Signature
Full Name: Pradeep Jain	Full Name:
Mailing Address: 230 Abner Jackign Pkwy	Mailing Address
Lake Jackson, Texas 77.566	
United States of America	[

**RECORDED: 08/30/2022**