

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7512059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1
CONVEYING PARTY DATA	
Name	Execution Date
C. DALE LESTER	09/25/2018
CHUAN HE	10/04/2018
JOHN F. SZUL	10/04/2018
RECEIVING PARTY DATA	
Name:	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC
Street Address:	2020 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: 4	
source=Inventors to UCC & Plastics#page1.tif	
source=Inventors to UCC & Plastics#page2.tif	

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ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY LLC**
2020 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT which is dated: September 25, 2018; October 4, 2018; and October 4, 2018, respectively

From, the ASSIGNORS: C. Dale Lester, 1840 Union Carbide Drive, South Charleston, West Virginia 25303, United States of America; Chuan He, 1840 Union Carbide Drive, South Charleston, West Virginia 25303, United States of America; and John F. Szul, 1840 Union Carbide Drive, South Charleston, West Virginia 25303, United States of America

of the invention entitled:

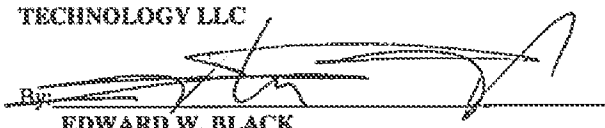
SPRAY-DRIED ZIRCONOCENE CATALYST SYSTEM

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 26th day of January, 20 19

CORP.
SEAL

**UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY LLC**

By: 

EDWARD W. BLACK
Secretary

This Assignment (110) is in the EPO/USPTO language and has the same meaning in other languages with the same 110 number and 5/11/16

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FORM 110 (R 5/2017)

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: **SPRAY-IMBED 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:

Union Carbide Chemicals & Plastics Technology LLC
2020 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
62647867	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: South Charleston, West Virginia
this 25 day of September, 2018
Effective as of March 26, 2018

Signature: C. Dale Lester
Full Name: C. Dale Lester
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
Full Name: Chuan He
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
Full Name: John F. Szul
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
Full Name: _____
Mailing Address: _____

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

Signature: _____
Full Name: _____
Mailing Address: _____

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

Signature: _____
Full Name: _____
Mailing Address: _____

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Union Carbide Chemicals & Plastics Technology LLC
2020 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 nonresidents); 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

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62647867	March 26, 2018	United States of America

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Subscribed and Declared by me/us:

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

Signature: _____
 Full Name: C. Dale Lester
 Mailing Address: 1840 Union Carbide Drive
 South Charleston, West Virginia 25303
 United States of America

At: South Charleston
this 4th day of Oct, 2018
Effective as of March 26, 2018
Signature: Chuan He
Full Name: Chuan He
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
 Full Name: John F. Szul
 Mailing Address: 1840 Union Carbide Drive
 South Charleston, West Virginia 25303
 United States of America

A1: _____
 this _____ day of _____, 33 _____
 Signature: _____
 Full Name: _____
 Mailing Address: _____

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

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

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

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FORM 110 (R 5/97)

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2020 Dow Center
Midland, Michigan 48674
United States of America

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Priority Number	Filing Date	Filing Country
62/647,567	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.

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Subscribed and Declared by me/us:

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

Signature: _____
Full Name: C. Dale Lester
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
Full Name: Chuan He
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

At: SOUTH CHARLESTON WV VIA
this 4 day of OCTOBER, 2018
Effective as of March 26, 2018

Signature: John I Szul
Full Name: John I Szul
Mailing Address: 1840 Union Carbide Drive
South Charleston, West Virginia 25303
United States of America

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

Signature: _____
Full Name: _____
Mailing Address: _____

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

Signature: _____
Full Name: _____
Mailing Address: _____

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

Signature: _____
Full Name: _____
Mailing Address: _____