

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6552035

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARJUN RAGHURAMAN	05/02/2018
WILLIAM H HEATH	05/02/2018
SUKRIT MUKHOPADHYAY	11/02/2017
HEATHER A. SPINNEY	11/02/2017
DAVID R. WILSON	11/02/2017
JEFFERY GOODWIN	05/02/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOW GLOBAL TECHNOLOGIES LLC
<b>Street Address:</b>	2040 DOW CENTER
<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>	16641926
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	989-636-2884
<b>Email:</b>	FGLMFRR@dow.com
<b>Correspondent Name:</b>	DANNY CHILDS
<b>Address Line 1:</b>	2211 H.H. DOW WAY
<b>Address Line 2:</b>	SSC-1338
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	81158-US-PCT
<b>NAME OF SUBMITTER:</b>	DANNY CHILDS
<b>SIGNATURE:</b>	/Danny Childs/
<b>DATE SIGNED:</b>	02/15/2021

PATENT

**Total Attachments: 2**

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This Assignment 110 is in the ENGLISH language and has the same numbering in other languages with the same 110 number and R/D date

FORM 110 (R. 5/97)

This Assignment 110 is in the ENGLISH language and has the same numbering in other languages with the same 110 number and R/D 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: **LEWIS ACID POLYMERIZATION CATALYST**

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, United States of America (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
62/558,431	September 14, 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: <u>Lake Jackson, Texas 77566 USA</u>
this <u>2nd</u> day of <u>May</u> , 20 <u>18</u>
Effective as of <u>September 14, 2017</u>
Signature:
Full Name: <u>Arjun Raghuraman</u>
Mailing Address: <u>230 Abner Jackson Pkwy</u> <u>Lake Jackson, Texas 77566</u> <u>United States of America</u>

At: <u>Lake Jackson, Texas 77566 USA</u>
this <u>2nd</u> day of <u>May</u> , 20 <u>18</u>
Effective as of <u>September 14, 2017</u>
Signature:
Full Name: <u>William H. Heath</u>
Mailing Address: <u>230 Abner Jackson Pkwy</u> <u>Lake Jackson, Texas 77566</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u>
this _____ day of _____, 20____
Effective as of <u>September 14, 2017</u>
Signature: _____
Full Name: <u>Sukrit Mukhopadhyay</u>
Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48674</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u>
this _____ day of _____, 20____
Effective as of <u>September 14, 2017</u>
Signature: _____
Full Name: <u>Heather A. Spinney</u>
Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48642</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u>
this _____ day of _____, 20____
Effective as of <u>September 14, 2017</u>
Signature: _____
Full Name: <u>David R. Wilson</u>
Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48674</u> <u>United States of America</u>

At: <u>Freeport, Texas 77541 USA</u>
this <u>2nd</u> day of <u>May</u> , 20 <u>18</u>
Effective as of <u>September 14, 2017</u>
Signature:
Full Name: <u>Jeffrey Goodwin</u>
Mailing Address: <u>2301 N. Brazosport Blvd.</u> <u>Freeport, Texas 77541</u> <u>United States of America</u>

## 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: **LEWIS ACID POLYMERIZATION CATALYST**

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**, United States of America (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
62/558,431	September 14, 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: <u>Lake Jackson, Texas 77566 USA</u> this _____ day of _____, 20____ Effective as of September 14, 2017
Signature: _____ Full Name: <u>Arjun Raghuraman</u> Mailing Address: <u>230 Abner Jackson Pkwy</u> <u>Lake Jackson, Texas 77566</u> <u>United States of America</u>

At: <u>Lake Jackson, Texas 77566 USA</u> this _____ day of _____, 20____ Effective as of September 14, 2017
Signature: _____ Full Name: <u>William H. Heath</u> Mailing Address: <u>230 Abner Jackson Pkwy</u> <u>Lake Jackson, Texas 77566</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u> this <u>2</u> day of <u>November</u> , 20 <u>17</u> Effective as of September 14, 2017
Signature: <u>Sukrit Mukhopadhyay</u> Full Name: <u>Sukrit Mukhopadhyay</u> Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48674</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u> this <u>2</u> day of <u>November</u> , 20 <u>17</u> Effective as of September 14, 2017
Signature: <u>Heather A. Spinney</u> Full Name: <u>Heather A. Spinney</u> Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48642</u> <u>United States of America</u>

At: <u>Midland, Michigan 48674, USA</u> this <u>2nd</u> day of <u>November</u> , 20 <u>17</u> Effective as of September 14, 2017
Signature: <u>David R. Wilson</u> Full Name: <u>David R. Wilson</u> Mailing Address: <u>1776 Building</u> <u>Midland, Michigan 48674</u> <u>United States of America</u>

At: <u>Freeport, Texas 77541 USA</u> this _____ day of _____, 20____ Effective as of September 14, 2017
Signature: _____ Full Name: <u>Jeffery Goodwin</u> Mailing Address: <u>2301 N. Brazosport Blvd.</u> <u>Freeport, Texas 77541</u> <u>United States of America</u>