# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5015977

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
YIJIAN LIN	05/07/2018	
MRIDULA BABLI KAPUR	05/14/2018	
DAVID T. GILLESPIE	05/14/2018	
JOHN L. SUGDEN	05/15/2018	
TODD A. HOGAN	05/03/2018	

#### **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:	16064267

### **CORRESPONDENCE DATA**

**Fax Number:** (937)449-6405

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.

**Phone:** 937-449-6400

**Email:** daytonipdocket@dinsmore.com

Correspondent Name: THE DOW CHEMICAL COMPANY/DINSMORE & SHOH

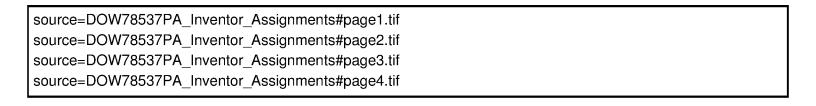
Address Line 1: FIFTH THIRD CENTER

Address Line 2: ONE SOUTH MAIN STREET, SUITE 1300

Address Line 4: DAYTON, OHIO 45402

Total Attackments A	
DATE SIGNED:	06/20/2018
SIGNATURE:	/Todd E. Jones/
NAME OF SUBMITTER:	TODD E. JONES
ATTORNEY DOCKET NUMBER:	78537-US-PCT/DOW 78537 PA

Total Attachments: 4



Das Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Ds

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: POLYETHYLENE FORMULATIONS WITH IMPROVED BARRIER AND TOUGHNESS FOR MOLDING APPLICATIONS

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	
62/270,150	December 21, 2015	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: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77566, USA
this 744 day of May , 20 18	this 14th day of Man , 20 / 8
Effective as of December 21, 2015	Effective as of December 21, 201
Signature: Yijian Lin	Signature: Full Name: Mridula Kapur
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
At: Lake Jackson, Texas 77566, USA this day of , 20 Effective as of December 21, 2015  Signature: Full Name: David T. Gillespie Mailing Address: 230 Abner Jackson Pkwy Lake Jackson, Texas 77566 United States of America	At: Midland, Michigan 48674 USA this day of , 20 Effective as of December 21, 2015  Signature: Full Name: John L. Sugden Mailing Address: 1501 Larkin Center Drive 200 Larkin Center Midland, Michigan 48674 United States of America
At: Midland, Michigan 48674 USA	At:
this day of , 20	this day of , 20
Effective as of December 21, 2015	
Signature:	Signature:
Full Name: Todd A. Hogan	Full Name:
Mailing Address: 1501 Larkin Center Drive	Mailing Address:
200 Larkin Center	
Midland, Michigan 48674	
United States of America	

FORM 110 (8.5/97)

# 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: POLYETHYLENE FORMULATIONS WITH IMPROVED BARRIER AND TOUGHNESS FOR MOLDING APPLICATIONS

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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	
62/270,150	December 21, 2015	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. If 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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At: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77556, USA
this day of, 20	this day of , 20
Effective as of December 21, 2015	this day of , 20, 20, 21, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20
Signature:	Signature:
Pull Name: Yijian Lin	Full Name: Mridula Kapur
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674 USA
this day of , 20	this 13 day of 1914 , 2018
this day of ,20 Effective as of December 21, 2015	Effective as of December 21, 2015
es .	
Signature:	Signature: Whiw & Miller
Full Name: David T. Gillespie	Full Name: John L. Sugden
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 1501 Larkin Center Drive
Lake Jackson, Texas 77566	200 Larkin Center
United States of America	Midland, Michigan 48674
THE TAXABLE AND ADDRESS OF TAXABLE AND ADDRESS	United States of America
At: Midland, Michigan 48674 USA	At:
	this day of , 20
this day of , 20	ATTIVASION TO THE PROPERTY OF
Signature:	Signature:
Full Name: Todd A. Hogan	Full Name:
Mailing Address: 1501 Larkin Center Drive	Mailing Address:
200 Larkin Center	•
Midland, Michigan 48674	
United States of America	

FORM 110 (R 5/97)

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Subscribed and Declared by me/us:

At: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77566, USA
this day of , 20	this day of .20
Effective as of December 21, 2015	Effective as of December 21, 2015
Signature:	Signature:
Full Name: Yijian Lin	Full Name: Mridula Kapur
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 230 Abner Jackson Pkwy
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674 USA
this day of , 20	this day of , 20
Effective as of December 21, 2015	Effective as of December 21, 2015
Signature: Day 12 May 2	Signature:
Full Name: David T. Gillespie	Full Name: John L. Sugden
Mailing Address: 230 Abner Jackson Pkwy	Mailing Address: 1501 Larkin Center Drive
Lake Jackson, Texas 77566	200 Larkin Center
United States of America	Midland, Michigan 48674
	United States of America
At: Midland, Michigan 48674 USA	At:
this 3 day of May, 20 18	this day of , 20
Effective as of December 21, 2015	IIIIS, 20
Effective as of December 21, 2011	
Signature: Corl A. Horgan	Signature:
Full Name: Todd A. Hogan	Full Name:
Mailing Address: 1501 Larkin Center Drive	Mailing Address:
200 Larkin Center	iviating Address.
Midland, Michigan 48674	
United States of America	

# TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

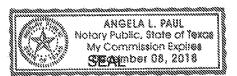
I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at _	Lake	Jackson,	Texas, 77566, USA	1	**************************************
this .	154	day of	May	20	<u> </u>
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			<u> LXaun</u>	er lei	Reso
			La	uren Perkins	
			Offic	e Professiona	<b>8</b>
			THE DOW C	HEMICAL CO	MPANY

# **NOTARIAL CERTIFICATE**

UNITED STATES OF AME STATE OF <b>Texas</b> County/Parish of <b>Brazoria</b>	RICA.) ) SS )	
On this _/5 to day of _ appeared before me,	may	20 <u>/%</u> , personally
	Lauren Perkir	18

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.



**RECORDED: 06/20/2018** 

Notary Public