508760737 09/16/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI497661

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	3

CONVEYING PARTY DATA

Name	Execution Date
Andrew T. Heitsch	09/11/2019
Sanjib Biswas	09/11/2019
Mridula Babli Kapur	10/03/2019
Alexander Williamson	09/19/2019
Philip P. Fontaine	09/26/2019
Joshua B. Gaubert	10/01/2019
Daniel W. Baugh III	09/18/2019
Jin Wang	09/05/2019
Didem Oner-Deliormanli	09/03/2019
Hitendra K. Singh	09/24/2019
Shadid Askar	08/28/2019
Mehmet Demirors	11/18/2019
Vivek Kalihari	09/24/2019

RECEIVING PARTY DATA

Company 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:	17432449

CORRESPONDENCE DATA

Fax Number:

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: 9792382458

Email: MJauregui@dow.com

PATENT REEL: 068595 FRAME: 0919

508760737

Correspondent Name: Monica T. Jauregui
Address Line 1: Herbert H. Dow Building
Address Line 2: 240 Abner Jackson Parkway
Address Line 4: Lake Jackson, TEXAS 77566

ATTORNEY DOCKET NUMBER:	82985-US-PCT
NAME OF SUBMITTER:	Monica Jauregui
SIGNATURE:	Monica Jauregui
DATE SIGNED:	09/16/2024

Total Attachments: 9

source=82985-US-PCT Inventor to DGTL#page1.tiff source=82985-US-PCT Inventor to DGTL#page2.tiff source=82985-US-PCT Inventor to DGTL#page3.tiff source=82985-US-PCT Inventor to DGTL#page4.tiff source=82985-US-PCT Inventor to DGTL#page5.tiff source=82985-US-PCT Inventor to DGTL#page6.tiff source=82985-US-PCT Inventor to DGTL#page7.tiff source=82985-US-PCT Inventor to DGTL#page8.tiff source=82985-US-PCT Inventor to DGTL#page9.tiff

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 11, 2019; September 11, 2019; October 3, 2019; September 19, 2019; September 26, 2019; October 1, 2019; September 18, 2019; September 5, 2019; September 3, 2019; September 24, 2019; August 28, 2019; November 18, 2019; and September 24, 2019

From, the ASSIGNORS: Andrew T. Heitsch, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Sanjib Biswas, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Mridula Babli Kapur, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Alexander Williamson, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Philip P. Fontaine, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Joshua B. Gaubert, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Daniel W. Baugh, III, at 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Jin Wang, at 633 Washington Street, Midland, Michigan 48667, United States of America; Didem Oner-Deliormanli, at 2301 N. Brazosport Blvd., Freeport, Texas 77541, United States of America; Shadid Askar, at 2301 North Brazosport Blvd., Freeport, Texas 77541, United States of America; Mehmet Demirors, at 2319 Bending Spring Dr., Pearland, Texas 77584, United States of America; and Vivek Kalihari, at 2301 Brazosport Blvd., Freeport, Texas 77541, United States of America;

of the invention entitled:

POLYETHYLENE-BASED COMPOSITIONS AND FILMS AND ARTICLES COMPRISING THE SAME

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 day of December 20 19

DOW GLOBAL TECHNOLOGIES LLC

CORP.
SEAL

By: STEVEN W. MORK

Authorized Representative

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-BASED COMPOSITIONS AND FILMS AND ARTICLES COMPRISING THE SAME

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
62/842,253	May 2, 2019	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:

process and the second	
At: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77566, USA
this 117 day of September , 20 19	this 11th day of Sept., 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
0 / / //	Com
Signature: Well Signature	Signature:
Full Name: Andrew T. Heitsch	Full Name: Sanjib Biswas
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 230 Abner Jackson Parkway
, -	
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
At: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77566, USA
3 00,01	this 19th day of September , 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
L. M. Varu	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Signature:	Signature:
Full Name: Mridula Babli Kapur	Full Name: Alexander Williamson
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
	WAINTO DOWN DA . MITTAN
At: Lake Jackson, Texas 77566, USA	At: Lake Jackson, Texas 77566, USA
this 76th day of september 2019	this 1st day of October, 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
1 0502 -	
Signature: WA	Signature:
Full Name: Philip P. Fontaine	Full Name: Joshua B. Gaubert
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
United States of America	United States of America
Control Office of Timorica	Cinica States of America

(X) Additional names and signatures are attached

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this 18th day of September, 20 19	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature: Daniel Burgh III	
	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this, 20,	this, 20,
Effective as of May 2, 2019	Effective as of May 2, 2019
S:	
Signature:	Signature:
Full Name: Didem Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this day of , 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Effective as of May 2, 2019	Effective as of iviay 2, 2019
Signature;	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
the state of the s	
At: Freeport, Texas 77541, USA	At:
this day of , 20	this day of , 20
Effective as of May 2, 2019	design and the second s
S:	
Signature:	Signature:
Full Name: Vivek Kalihari	Full Name:
Mailing Address: 2301 Brazosport Blvd.	Mailing Address:
Freeport, Texas 77541	
United States of America	1 I

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, JUSA
this day of , 20	this 5th day of CONTRANDON, 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature: AM 70
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
Onto Juno di Timorea	Office Dates of America
At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this day of , 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Didem Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
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At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this day of, 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
At: Freeport, Texas 77541, USA	
this, 20,	this day of, 20
Effective as of May 2, 2019	
Signature:	Signature:
Full Name: Vivek Kalihari	Full Name:
Mailing Address: 2301 Brazosport Blvd.	Mailing Address:
Freeport, Texas 77541	

United States of America

PATENT

REEL: 068595 FRAME: 0924

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this day of , 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
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At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this 3 day of September, 20 3	this, 20,
this day of September, 20 9	Effective as of May 2, 2019
Signature: (/) kole	Signature:
Full Name: Dident Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this day of, 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Mailing Address: 2319 Bending Spring Dr. Pearland, Texas 77584
Freeport, Texas 77541 United States of America	Pearland, Texas 77584 United States of America
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Freeport, Texas 77541 United States of America At: Freeport, Texas 77541, USA	Pearland, Texas 77584 United States of America At:
At: Freeport, Texas 77541 United States of America At: Freeport, Texas 77541, USA this day of, 20	Pearland, Texas 77584 United States of America At:
Freeport, Texas 77541 United States of America At: Freeport, Texas 77541, USA this day of , 20 Effective as of May 2, 2019	Pearland, Texas 77584 United States of America At: this day of , 20
Freeport, Texas 77541 United States of America At: Freeport, Texas 77541, USA this day of , 20 Effective as of May 2, 2019 Signature:	Pearland, Texas 77584 United States of America At: this day of , 20 Signature: Full Name:
Freeport, Texas 77541 United States of America At: Freeport, Texas 77541, USA this day of , 20 Effective as of May 2, 2019 Signature: Full Name: Vivek Kalihari	Pearland, Texas 77584 United States of America At: this day of, 20 Signature:

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this day of , 20	
Effective as of May 2, 2019	this day of, 20 Effective as of May 2, 2019
2, 2017	Estevision de Gristay E, 2017
Signature:	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
	Shake the state of
At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this day of . 20	this 24th day of September , 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
	100/101
Signature:	Signature:
Full Name: Didem Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this, 20,	this day of, 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
At: Freeport, Texas 77541, USA	_
this, 20,	this day of, 20
Effective as of May 2, 2019	
Cimpotago	[C'
Signature:	Signature:
Full Name: Vivek Kalihari	Full Name:
Full Name: Vivek Kalihari Mailing Address: 2301 Brazosport Blvd.	- 1 0
Full Name: Vivek Kalihari	Full Name:

PATENT

REEL: 068595 FRAME: 0926

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this day of, 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this day of, 20	this day of, 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Didem Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this 28th day of August ,20 19	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
11 1 00	Estective as of May 2, 2019
Signature: Abold A	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
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At: Freeport, Texas 77541, USA	At:
this day of , 20	this day of , 20
Effective as of May 2, 2019	* *************************************
Signature:	Cimphum
Full Name: Vivek Kalihari	Signature:
	Full Name:
	In a 151
Mailing Address: 2301 Brazosport Blvd.	Mailing Address:
Freeport, Texas 77541 United States of America	Mailing Address:

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this day of , 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
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At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this day of, 20	this day of, 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Didem Oner-Deliormanli	Full Name: Hitendra K. Singh
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this day of , 20	this 18th day of 101 , 20 19
Effective as of May 2, 2019	Effective as of May 2, 2019
	$M \cap M$
Signature:	Signature: Monney
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
At: Freeport, Texas 77541, USA	At:
this day of, 20	this, 20
Effective as of May 2, 2019	
Signature:	Signature:
Full Name: Vivek Kalihari	Full Name:
Mailing Address: 2301 Brazosport Blvd.	Mailing Address:
Freeport, Texas 77541	
United States of America	

At: Lake Jackson, Texas 77566, USA	At: Midland, Michigan 48674, USA
this day of, 20	this, 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Daniel W. Baugh, III	Full Name: Jin Wang
Mailing Address: 230 Abner Jackson Parkway	Mailing Address: 633 Washington Street
Lake Jackson, Texas 77566	Midland, Michigan 48667
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Freeport, Texas 77541, USA
this day of , 20	this day of , 20
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Didem Oper-Deliormanli	
Mailing Address: 2301 N. Brazosport Blvd.	Full Name: Hitendra K. Singh
Freeport, Texas 77541	Mailing Address: 2301 N. Brazosport Blvd.
United States of America	Freeport, Texas 77541
United States of America	United States of America
At: Freeport, Texas 77541, USA	At: Pearland, Texas 77584, USA
this day of 20	
Effective as of May 2, 2019	Effective as of May 2, 2019
Signature:	Signature:
Full Name: Shadid Askar	Full Name: Mehmet Demirors
Mailing Address: 2301 North Brazosport Blvd.	Mailing Address: 2319 Bending Spring Dr.
Freeport, Texas 77541	Pearland, Texas 77584
United States of America	United States of America
At: Freeport, Texas 77541, USA	At:
this 24 day of September, 2019	this day of , 20
Effective as of May 2, 2019	Comments of the Comments of th
Signature: Wak-	Simulations.
Full Name: Vivek Kalihari	Signature:
	Full Name:
Mailing Address: 2301 Brazosport Blvd.	Mailing Address:
Freeport, Texas 77541	

RECORDED: 09/16/2024