

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI561599

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
SEQUENCE:	3										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bo Liu</td><td>01/21/2019</td></tr><tr><td>Daudi A. Abe</td><td>03/26/2019</td></tr><tr><td>Roger L. Kuhlman</td><td>02/25/2019</td></tr><tr><td>Ayush A. Bafna</td><td>01/21/2019</td></tr></tbody></table>	Name	Execution Date	Bo Liu	01/21/2019	Daudi A. Abe	03/26/2019	Roger L. Kuhlman	02/25/2019	Ayush A. Bafna	01/21/2019	
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Roger L. Kuhlman	02/25/2019										
Ayush A. Bafna	01/21/2019										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Company Name:</td><td>Dow Global Technologies LLC</td></tr><tr><td>Street Address:</td><td>2040 Dow Center</td></tr><tr><td>City:</td><td>Midland</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48674</td></tr></table>	Company Name:	Dow Global Technologies LLC	Street Address:	2040 Dow Center	City:	Midland	State/Country:	MICHIGAN	Postal Code:	48674	
Company Name:	Dow Global Technologies LLC										
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>17426147</td></tr></tbody></table>	Property Type	Number	Application Number:	17426147							
Property Type	Number										
Application Number:	17426147										
CORRESPONDENCE DATA											
Fax Number:											
<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:	9792382745										
Email:	alpaul@dow.com										
Correspondent Name:	Angela Paul										
Address Line 1:	230 Abner Jackson Parkway										
Address Line 4:	Lake Jackson, TEXAS 77566										
ATTORNEY DOCKET NUMBER:	82878-US-PCT										
NAME OF SUBMITTER:	Angela Paul										
SIGNATURE:	Angela Paul										
DATE SIGNED:	10/14/2024										
Total Attachments: 5											
source=3 82297 Inventor to DGTL#page1.tiff											

source=3 82297 Inventor to DGTL#page2.tiff
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source=3 82297 Inventor to DGTL#page4.tiff
source=3 82297 Inventor to DGTL#page5.tiff

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:

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

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.

Subscribed and Declared by me/us:

At: _____
this _____ day of _____, 20 _____

Signature: _____
Full Name: _____
Mailing Address: _____

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

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/L 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: **BIMODAL POLYETHYLENE COPOLYMER AND FILM THEREOF**

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
62/724,219	August 29, 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 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
this _____ day of _____, 20 _____
Effective as of August 29, 2018
Signature: _____
Full Name: Bo Liu
Mailing Address: 230 Abner Jackson Parkway Lake Jackson, Texas 77566 United States of America

At: Lake Jackson, Texas 77566, USA
this <u>26</u> day of <u>MARCH</u> , 20 <u>19</u>
Effective as of August 29, 2018
Signature: <u>[Signature]</u>
Full Name: Daudi A. Abe
Mailing Address: 230 Abner Jackson Parkway Freeport, Texas 77566 United States of America

At: Lake Jackson, Texas 77566, USA
this _____ day of _____, 20 _____
Effective as of August 29, 2018
Signature: _____
Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Parkway Lake Jackson, Texas 77566 United States of America

At: Lake Jackson, Texas 77566, USA
this _____ day of _____, 20 _____
Effective as of August 29, 2018
Signature: _____
Full Name: Ayush A. Bafna
Mailing Address: 230 Abner Jackson Parkway Lake Jackson, Texas 77566 United States of America

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

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

PATENT

REEL: 069173 FRAME: 0497

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

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.

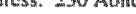
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At: Lake Jackson, Texas 77566, USA
this _____ day of _____, 20____
Effective as of August 29, 2018

Signature: _____
Full Name: Bo Liu
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: Lake Jackson, Texas 77566, USA
 this day of , 20
 Effective as of August 29, 2018

Signature: _____
 Full Name: Daudi A. Abe
 Mailing Address: 230 Abner Jackson Parkway
Freeport, Texas 77566
United States of America

At: Lake Jackson, Texas 77566, USA
 this 25 day of February, 20 19
 Effective as of August 29, 2018
 Signature: 
 Full Name: Roger L. Kuhlman
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: Lake Jackson, Texas 77566, USA
 this day of , 20
 Effective as of August 29, 2018

Signature: _____
 Full Name: Ayush A. Bafna
 Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

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

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

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: **BIMODAL POLYETHYLENE COPOLYMER AND FILM THEREOF**

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

Priority Number	Filing Date	Filing Country
63/734,219	August 29, 2018	United States of America

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.

At: Lake Jackson, Texas 77566, USA
this _____ day of _____, 20____
Effective as of August 29, 2018


Signature: _____
Full Name: Bo Liu
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: Lake Jackson, Texas 77566, USA
 this day of , 20
 Effective as of August 29, 2018

Signature: _____
 Full Name: Daudi A. Abe
 Mailing Address: 230 Abner Jackson Parkway
Freeport, Texas 77566
United States of America

At: Lake Jackson, Texas 77566, USA
this day of , 20
Effective as of August 29, 2018

Signature: _____
Full Name: Roger L. Kuhlman
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: Lake Jackson, Texas 77566, USA
 this 21 day of January, 2019
 Effective as of August 29, 2018
 Signature: 
 Full Name: Ayush A. Bafna
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: _____
this _____ day of _____, 20 _____

Signature: _____
Full Name: _____
Mailing Address: _____

At: _____
this _____ day of _____, 20 _____

Signature: _____

Full Name: _____

Mailing Address: _____

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: January 21, 2019; March 26, 2019; February 25, 2019; and January 21, 2019, respectively

From, the ASSIGNORS: Bo Liu, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; Daudi A. Abe, 230 Abner Jackson Parkway, Freeport, Texas 77566, United States of America; Roger L. Kuhlman, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America; and Ayush A. Bafna, 230 Abner Jackson Parkway, Lake Jackson, Texas 77566, United States of America

of the invention entitled:

BIMODAL POLYETHYLENE COPOLYMER AND FILM THEREOF

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 9th day of April, 20 19

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By: 

STEVEN W. MORK
Authorized Representative