

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3394801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNY B WERNESS	10/26/2012
KSHITISH A PATANKAR	10/26/2012
MARK F SONNENSCHIN	10/26/2012
XIN JIN	10/26/2012
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:	14427013
CORRESPONDENCE DATA	
Fax Number:	(612)659-9344
<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:	6126599340
Email:	Marquardt@bipl.net
Correspondent Name:	BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1:	1201 MARQUETTE AVENUE SOUTH
Address Line 2:	SUITE 400
Address Line 4:	MINNEAPOLIS, MINNESOTA 55403
ATTORNEY DOCKET NUMBER:	72723-US-PCT
NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/Alexander Marquardt/
DATE SIGNED:	06/12/2015
Total Attachments: 3	
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source=00358963#page2.tif	

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: October 26, 2012 ; with an effective date of September 28, 2012

From, the ASSIGNOR: Jenny B. Werness, 3945 East Patrick Road, Midland, Michigan 48642, United States of America, Citizen of United States of America; Kshitish A. Pantankar, 1911 Eastlawn Drive, Apartment No. E11, Midland, Michigan 48642, United States of America, Citizen of India; Mark F. Sonnenschein, 6019 Stonehaven Court, Midland, Michigan 48640, United States of America, Citizen of United States of America; and Xin Jin, 108 Rosemary Lane, Lake Jackson, Texas 77566, United States of America, Citizen of People's Republic of China

of the invention entitled:
FUNCTIONALIZED OLIGOMERS

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 8th day of March, 20 13

DOW GLOBAL TECHNOLOGIES LLC
CORP.
SEAL
By: *Susan M Zerull*
SUSAN M. ZERULL
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of MIDLAND)

On this 8th day of March, 20 13, personally appeared before me, **SUSAN M. ZERULL, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said **Limited Liability Company incorporated** under the laws of the **State of Delaware, United States of America**.

I further certify that said authority, dated **June 1, 2012**, is based on
A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said **Limited Liability Company** and that the purposes for which said document is granted are within the scope of the objects or activities of said **Limited Liability Company**.

Rebecca Sue Hollingshead
NOTARY PUBLIC

SEAL

Rebecca Sue Hollingshead
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES November 25, 2018

This Assignment is in the English language and for the same meaning in other languages with the same ID number and RFLite

FORM 110 (R 5-07)

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: **FUNCTIONALIZED OLIGOMERS**

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



a limited liability company organized and existing under the laws 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

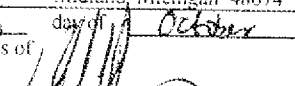
Priority Number	Filing Date	Filing Country
61/706,813	September 28, 2012	United States of America

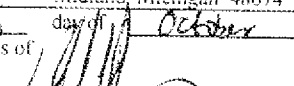
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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.

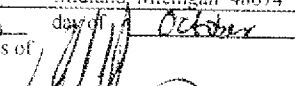
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power 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: Midland, Michigan 48674 USA	At: Midland, Michigan 48674 USA
this <u>26</u> day of <u>October</u> , 20 <u>12</u>	this <u>26</u> day of <u>October</u> , 20 <u>12</u>
Effective as of _____	Effective as of _____
Signature: 	Signature: 
Full Name: Jonny D. Werness	Full Name: Kshitish A. Patankar
Residence: 5945 East Patrick Road Midland, Michigan 48642	Residence: 1911 Eastlawn Drive, Apartment No. E11 Midland, Michigan 48642
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: India
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

At: Midland, Michigan 48674 USA	At: Freeport, Texas 77541 USA
this <u>26</u> day of <u>October</u> , 20 <u>12</u>	this _____ day of _____, 20____
Effective as of _____	Effective as of _____
Signature: 	Signature: _____
Full Name: Mark J. Honnenschein	Full Name: Xin Jin
Residence: 6019 Stonehaven Court Midland, Michigan 48640	Residence: 108 Rosemary Lane Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

At: Midland, Michigan 48674 USA	At: Freeport, Texas 77541 USA
this <u>26</u> day of <u>October</u> , 20 <u>12</u>	this _____ day of _____, 20____
Effective as of _____	Effective as of _____
Signature: 	Signature: _____
Full Name: Mark J. Honnenschein	Full Name: Xin Jin
Residence: 6019 Stonehaven Court Midland, Michigan 48640	Residence: 108 Rosemary Lane Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

At: Midland, Michigan 48674 USA	At: Freeport, Texas 77541 USA
this <u>26</u> day of <u>October</u> , 20 <u>12</u>	this _____ day of _____, 20____
Effective as of _____	Effective as of _____
Signature: 	Signature: _____
Full Name: Mark J. Honnenschein	Full Name: Xin Jin
Residence: 6019 Stonehaven Court Midland, Michigan 48640	Residence: 108 Rosemary Lane Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

() Additional names and signatures are attached

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

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

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verify 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: **FUNCTIONALIZED OLIGOMERS**

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

a limited liability company organized and existing under the laws 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
61/706,813	September 28, 2012	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: Midland, Michigan 48674 USA
 this _____ day of _____, 20____
 Effective as of September 28, 2012

Signature: _____
 Full Name: Jenny B. Werness
 Residence: 3945 East Patrick Road
 Midland, Michigan 48642
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Midland, Michigan 48674 USA
 this _____ day of _____, 20____
 Effective as of September 28, 2012

Signature: _____
 Full Name: Kshitish A. Patankar
 Residence: 1911 Eastlawn Drive, Apartment No. E11
 Midland, Michigan 48642
 Country: United States of America
 Citizenship: India
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Midland, Michigan 48674 USA
 this _____ day of _____, 20____
 Effective as of September 28, 2012

Signature: _____
 Full Name: Mark F. Sonnenschein
 Residence: 6019 Stonehaven Court
 Midland, Michigan 48640
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Freeport, Texas 77541 USA
 this 26 day of October, 2012
 Effective as of September 28, 2012

Signature: Xin Jin
 Full Name: Xin Jin
 Residence: 108 Rosemary Lane
 Lake Jackson, Texas 77566
 Country: United States of America
 Citizenship: People's Republic of China
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

() Additional names and signatures are attached.

PATENT