## 505138842 10/12/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5185606

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL D. READ	02/16/2015
SANTOSH S. BAWISKAR	02/16/2015

### **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:	15101343

### **CORRESPONDENCE DATA**

**Fax Number:** (414)223-5000

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:** 4149785559

**Email:** jere.polmatier@huschblackwell.com

Correspondent Name: JERE L. POLMATIER

Address Line 1: HUSCH BLACKWELL LLP

Address Line 2: 555 EAST WELLS STREET, SUITE 1900

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	DOW-40532-A-US	
NAME OF SUBMITTER:	JERE L. POLMATIER	
SIGNATURE:	/jlp/	
DATE SIGNED:	10/12/2018	

## **Total Attachments: 3**

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PATENT 505138842 REEL: 047146 FRAME: 0630

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and RADate 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: METHOD TO PRODUCE FUNCTIONALIZED, LOW VISCOSITY ETHYLENE-BASED POLYMERS

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 (herefored 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	771
	I ming Date	Filing Country
61/922,003	December 30, 2013	United States of America
1	22420111041 201 2013	Othed 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 MI 48642 USA	At:	
this 16 day of February, 20 15	this day of 20	-
Effective as of Degember 30, 2013	Effective as of December 30, 2013	-
	· ·	
Signature:	Signature:	
Full Name: Michael D. Read	Full Name: Santosh S. Bayviskar	-
Residence: 3655 North Perrine Road	Residence: 5307 Belle Manor Lane	
Midland, Michigan 48642	Sugar Land, Texas 77479	
Country: United States of America	Country: United States of America	
Citizenship: United States of America	Citizenship: United States of America	
P.O. Address: Same as Residence	P.O. Address: Same as Residence	l
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:	At:	_
this day of .20		.
, 50	this, 20	.
Signature;	Signature;	-
Full Name:	Full Name:	. ]
Residence:	Residence:	
		-
Country:	Country:	-
Citizenship:	Citizenship:	-
P.O. Address:	P.O. Address:	
Employed By:	Employed By:	
Lit L'auntere	loca .	- 1
Of Country:	Of Country:	- 1

#### 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: METHOD TO PRODUCE FUNCTIONALIZED, LOW VISCOSITY ETHYLENE-BASED POLYMERS

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,

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
- Manufacture		1 mig Country
61/922.003	December 30, 2013	United States of America
	December 50, 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:	At: FREEPORT TX
this day of . 20	this 16th day of FEBRUARY, 2015
Effective as of December 30, 2013	DEC. at
	Signature as of December 30, 2013
	MISAM
Signature:	Signature: 10750
Full Name: Michael D. Read	Full Name: Santosh S. Bawiskar
Residence: 3655 North Perrine Road	Residence: 5307 Belle Manor Lane
Midland, Michigan 48642	Sugar Land, Texas 77479
Country: United States of America	Country: United States of America
Citizenship: United States of America	
	Citizenship: United States of America
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:	At:
this day of , 20	this day of .20
0:	
Signature:	Signature:
Full Name:	Full Name:
Residence;	Residence:
Country:	Country;
I	
Citizenship:	Citizenshin
Citizenship: P.O. Address:	Citizenship:
P.O. Address:	P.O. Address:
P.O. Address: Employed By:	P.O. Address: Employed By:
P.O. Address:	P.O. Address:

**PATENT** REEL: 047146 FRAME: 0632 This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. 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 which is dated: February 16, 2015 and February 16, 2015; effective as of December 30, 2013.

From, the ASSIGNOR: Michael D. Read, 3655 North Perrine Road, Midland, Michigan 48642, United States of America, Citizen of United States of America and Santosh S, Bawiskar, 5307 Belle Manor Lane, Sugar Land, Texas 77479, United States of America, Citizen of United States of America

of the invention entitled:

METHOD TO PRODUCE FUNCTIONALIZED, LOW VISCOSITY ETHYLENE-BASED POLYMERS

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 19 day of February, 2015
DOW GLOBAL TECHNOLOGIES LLC  CORP. SEAL  By:
UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland ) On this
I further certify that said authority, dated June 1, 2014, 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 entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.
Lother Sue West

NOTARY PUBLIC

Kathy Sue Wertz NOTARY PUBLIC, MOLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

> PATENT REEL: 047146 FRAME: 0633

**RECORDED: 10/12/2018**