504365166 05/12/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4411858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MEHMET DEMIRORS	01/22/2013
RUTH FIGUEROA	01/28/2013
JERZY KLOSIN	01/22/2013
PULIKKOTTIL J. THOMAS	01/22/2013
SYLVIE DESJARDINS	01/21/2013
MRIDULA KAPUR	01/25/2013
PHILIP P. FONTAINE	02/06/2013

## **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:	15357901

# **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:** 9374496400

Email:brooklyn.hess@dinsmore.comCorrespondent Name:DINSMORE & SHOHL LLPAddress Line 1:ONE SOUTH MAIN STREET

Address Line 2: SUITE 1300

Address Line 4: DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER:	74286-US-PCD
NAME OF SUBMITTER:	BROOKLYN L. HESS
SIGNATURE:	/Brooklyn L. Hess/
DATE SIGNED:	05/12/2017

# Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif

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

hereby accept the ASSIGNMENT attached hereto which is dated: January 22, 2013; January 28, 2013; January 22, 2013; January 22, 2013; January 21, 2013; January 25, 2013; and February 6, 2013, respectively; effective as of December 27, 2012

From, the ASSIGNOR: Mehmet Demirors, 2319 Bending Spring Dr., Pearland, Texas 77584, United States of America, Citizen of Netherlands; Ruth Figueroa, 1490 Riverchase, Midland, Michigan 48640, United States of America, Citizen of United States of America; Jerzy Klosin, 2209 Parkwood Drive, Midland, Michigan 48642, United States of America, Citizen of Poland; Pulikkottil J. Thomas, 4310 Andre Street, Midland, Michigan 48642, United States of America, Citizen of United States of America; Sylvie Desjardins, 430 Walnut Street, Lake Jackson, Texas 77566, United States of America, Citizen of Canada; Mridula Kapur, 235 Dewberry Drive, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; and Philip P. Fontaine, 922 W. 18th St., Houston, Texas 77008, United States of America, Citizen of United States of America

of the invention entitled:

### POLYMERIZATION PROCESS FOR PRODUCING 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.

this 124h day of	February	, 20 <u>13</u>	_
	DOW GLOB	AL TECHNOLOG	IES LLC
CORP. SEAL	By: Luser	n M Zerul	l
	Susan M. Authorize	Zerull ed Representative	
NOTARIAL	CERTIFICAT	E (Limited I	Liability Company)
UNITED STATES O	FAMERICA )		
STATE OF MICHIGA	AN ) SS		
County/Parish of Mid	land )		
On this 12th day	of February	<u>1</u> , 20 <u>13</u>	, personally appeared
before me, Susan M. Zo			
			ecuted the foregoing documen
and acknowledged the san			s therein expressed by laws of <b>Delaware</b> , United
States of America.	ta Diaonity Company in	corporated under the	ians of Dominaic, Omica
I further certify that said a	uthority dated June 1 2	012 is based on	

I further certify that said authority, dated June 1, 2012, is based on

Midland, Michigan 48674, USA

### A Delegation of Signature Authority by said Limited Liability Company

which I have seen, appointing the said individual 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.

eleccasue Hollosheces

REDUCCE SEE Hollingshead

HOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN

HY COMMISSION EXPIRES NOVEMber 25 2018

PATENT

REEL: 042356 FRAME: 0458

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: POLYMERIZATION PROCESS FOR PRODUCING 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

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
61/746,218	December 27, 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: FreeDNF	At:
this Zand day of January, 20 13	this day of , 20
Effective as of December 27, 2012	Effective as of December 27, 2012
Signature: ///-///	
Full Name: Mehmet Demirors	Full Name: Ruth Figueroa
Residence: 2319 Bending Spring Dr.	Residence: 1490 Riverchase
Pearland, Texas 77584	Midland, Michigan 48640
Country: United States of America	Country: United States of America
Citizenship: Netherlands	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
Effective as of December 27, 2012	Effective as of December 27, 2012
Signature:	Signature:
Full Name: Jerzy Klosin	Full Name: Pulikkottil J. Thomas
Residence: 2209 Parkwood Drive	Residence: 4310 Andre Street
Midland, Michigan 48642	Midland, Michigan 48642
Country: United States of America	Country: United States of America
Citizenship: Poland	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
Employed by. The Dow Chemical Company	

(X) Addi

nent 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and RADat 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: POLYMERIZATION PROCESS FOR PRODUCING ETHYLENE BASED

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

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	
61/746,218	December 27, 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:	At: midland, michigan
this day of , 20	unis 28 day or January, 20 15
Effective as of December 27, 2012	Effective as of December 27, 2012
Signature:	Signature: Rufl L
Full Name: Mehmet Demirors	Full Name: Ruth Figueroa 5
Residence: 2319 Bending Spring Dr.	Residence: 1490 Riverchase
Pearland, Texas 77584	Midland, Michigan 48640
Country: United States of America	Country: United States of America
Citizenship: Netherlands	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: Midland	At: Midland, Michigan
this 22 day of Joney , 20 13	this 22ml day of Tanuary, 2013
Effective as of December 27, 2012	Effective as of December 27, 2012
Signature:	Signature: Puliklable J. Thoma
Full Name: Jerzy Kłosin	Full Name: Pulikkottil J. Thomas
Residence: 2209 Parkwood Drive	Residence: 4310 Andre Street
Midland, Michigan 48642	Midland, Michigan 48642
Country: United States of America	Country: United States of America
Citizenship: Poland	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
tional names and signatures are attached	

(X) Additional names and signatures are attached.

CASE NO. 74286-US-PSP sm

nal names, addresses and signatures to be attached to Forn	CASE NO. n No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DE	/4286-
100 True 100 1 . (4 VAZ)	1 1 A 1:	ULAR/
this 2 st day of January , 20 15 Effective as of December 27, 2012	this day of 20	
Effective as of December 27, 2012	this day of , 20 _ Effective as of December 27, 2012	
Signature: Sparadius	Effective as of December 27, 2012	
Signature: 37000140	Signature:	
Full Name: Sylvie Desjardins	Full Name: Mridula Kapur	
Residence: 430 Walnut Street	Residence: 235 Dewberry Drive	
Lake Jackson, Texas 77566	Residence. 233 Dewberry Drive	
Country: United States of America	Lake Jackson, Texas 77566	
Citizenship: Canada	Country: United States of America	
P.O. Address: Same as Residence	Citizenship: United States of America	
Employed By: The Dow Chemical Company	P.O. Address: Same as Residence	
Of Country: United States of America	Employed By: The Dow Chemical Company	
or country. Office States of Afficinea	Of Country: United States of America	
At:		
	At:	
this day of, 20 Effective as of December 27, 2012	this day of , 20	
Effective as of December 27, 2012		
Signature:		
Full Name: Philip D Contains	Signature:	
Signature: Full Name: Philip P. Fontaine Residence: 922 W. 18th St.	Full Name:	***************************************
	Residence:	
Houston, Texas 77008		
Country: United States of America	Country:	
Citizenship: United States of America	Citizenship:	
P.O. Address: Same as Residence	P.O. Address:	
Employed By: The Dow Chemical Company	Employed By:	
Of Country: United States of America	Of Country:	
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At:	to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARAT
	20 this day of Jane (1)(1) 20 13
Effective as of December 27, 2012	this day of day of 2012 , 2013
Effective as of December 27, 2012	Effective as of December £7, 2012
Signature:	Signature:   Morula
Full Name: Sylvie Desjardins	Full Name: Mridula Kapur
Residence: 430 Walnut Street	Residence: 235 Dewberry Drive
Lake Jackson, Texas 77566	
Country: United States of America	Country: United States of America
Citizenship: Canada	Citizenship: Ontred States of America TNDIA
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
Effective as of December 27, 2012	, , , , , , , , , , , , , , , , , , , ,
Signature:	Signature:
Full Name: Philip P. Fontaine	Full Name:
Residence: 922 W. 18th St.	Residence:
Houston, Texas 77008	11
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:
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Signature:		Signature:	and the special of the first party of the
Full Name: Sylvie Desjardins		Full Name: Mridula Kapur	
Residence: 430 Walnut Street		Residence: 235 Dewberry Drive	
Lake Jackson, Texas 77566		Lake Jackson, Texas 77566	
Country: United States of America		Country: United States of America	
Citizenship: Canada		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	
Of Country: United States of America		Of Country: United States of Ame	rica
<u>'</u>			
At: Freeport TX		At:	
this 6th day of February Effective as of December 27, 2012	, 20 [3	this day of	, 20
Effective as of December 27, 2012			
Signature: RKO Jano			
Signature:		Signature:	
Full Name: Philip P. Fontaine		Full Name:	
Residence: 922 W. 18th St.		Residence:	
Houston, Texas 77008		1 1	
Country: United States of America		Country:	
Citizenship: United States of America		Citizenship:	
P.O. Address: Same as Residence		P.O. Address:	
Employed By: The Dow Chemical Company		Employed By:	
Of Country: United States of America		Of Country:	
At:		At:	
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