# 503966175 08/18/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4012830

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:	14654880

# **CORRESPONDENCE DATA**

**Fax Number:** (713)528-1202

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:** 713-528-1200

Email: paralegal@jlsalazar.com

Correspondent Name: THE JL SALAZAR LAW FIRM

Address Line 1: 1934 W. GRAY ST., SUITE 401

Address Line 4: HOUSTON, TEXAS 77019

ATTORNEY DOCKET NUMBER:	74287-US-PCT
NAME OF SUBMITTER:	VALERIE FRIEDRICH
SIGNATURE:	/Valerie Friedrich/
DATE SIGNED:	08/18/2016

PATENT 503966175 REEL: 039474 FRAME: 0811

# Total Attachments: 6 source=74287\_True Copy of Assignment#page1.tif source=74287\_True Copy of Assignment#page2.tif source=74287\_True Copy of Assignment#page3.tif source=74287\_True Copy of Assignment#page4.tif source=74287\_True Copy of Assignment#page5.tif source=74287\_True Copy of Assignment#page6.tif

This Assignee 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

muanu, michigan 40074

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:

Signed at

1911

States of America.

### 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 13th, day of 16 bru ary, 20 13
DOW GLOBAL TECHNOLOGIES LLC  CORP. SEAL  By: Juga M Zeull
Susan M. Zerull Authorized Representative
NOTARIAL CERTIFICATE (Limited Liability Company)
UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS
County/Parish of Midland )
On this 12th day of February, 2013, 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

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.

authority of the said Limited Liability Company incorporated under the laws of Delaware, United

Notary Public

Andrew Sur Hellingshood NOTARY PUBLIC, NIDLAND COU**PAITEN** MY COMMISSION EXPIRES NOVEMBER 12, 7011

REEL: 039474 FRAME: 0813

SEAL

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	
61/746,242	December 27, 2012		
	December 27, 2012		
		United States of America	
		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:

Effective as of Dogomber 27, 2012	this day of	, 20
Effective as of December 27, 2012	Effective as of December 27, 2012	3 40 17
Signature  Signature  Full Name: Mehmet Demirors  Residence: 2319 Bending Spring Dr. Pearland, Texas 77584  Country: United States of America Citizenship: Netherlands  P.O. Address: Same as Residence  Employed Print The Dry Chemist Co.	Signature: Full Name: Ruth Figueroa Residence: 1490 Riverchase 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	Employed By: The Dow Chemical Company	
Of Country: United States of America	Of Country: United States of America	
At: this day of , 20  Effective as of December 27, 2012  Signature: Full Name: Jerzy Klosin Residence: 2209 Parkwood Drive	At: this day of Effective as of December 27, 2012  Signature: Full Name: Pulikkottil J. Thomas Residence: 4310 Andre Street	, 20
ional names and signatures are attached.	ACCESSED TO THE SECOND OF THE PROPERTY OF THE	

(X) Addit

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: **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
61/746,242	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:

ti E

R

t:	At: midland millionare
is day of , 20	this 28 day of Agrands 3, 20 13
ffective as of December 27, 2012	Effective as of December 27, 2012
gnature:	Signature: R.E. By
ull Name: Mehmet Demirors	Full Name: Ruth Figueroa
esidence: 2319 Bending Spring Dr.	Residence: 1490 Riverchase
Pearland, Texas 77584	Midland, Michigan 48640
ountry: United States of America	Country: United States of America
itizenship: Netherlands	Citizenship: United States of America
O. Address: Same as Residence	P.O. Address: Same as Residence
mployed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
f Country: United States of America	Of Country: United States of America

At: Mod/grad
this 22 day of January, 20 13
Effective as of December 27, 2012
107/
Signature:
Full Name: Jerzy Klosin
Residence: 2209 Parkwood Drivé
Midland, Michigan 48642
Country: United States of America
Citizenship: Poland
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Mrd and Michigan , 2013

Effective as of December 27, 2012

Signature: Pulkkottil J. Thomas

Residence: 4310 Andre Street

Midland, Michigan 48642

Country: United States of America

P.O. Address: Same as Residence

Employed By: The Dow Chemical Company

Of Country: United States of America

(X) Additional names and signatures are attached.

	At:	
this 21971 day of January , 2013	this day of	. 20
Effective as of December 27, 2012	this day of Effective as of December 27, 2012	
Signature: 5 Las Carolina		
Full Name: Sylvie Desjardins	Signature:	
Residence: 430 Walnut \$treet	Full Name: Mridula Kapur	
Lake Jackson, Texas 77566	Residence: 235 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	
FOR COMMY. Office States of America	Of Country: United States of America	***************************************
At:	At:	
this day of ,20		
Effective as of December 27, 2012	this day of	, 20
Signature:	Signature:	
Full Name: Philip P. Fontaine	Full Name:	
Residence: 922 W. 18th St.	Residence:	
Houston, Texas 77008	Tecordence.	
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:	
CARACTER SAN STREET, SAN	***************************************	***********
At:	At:	~~~~~~
this day of , 20	this day of	. 20
C:		
Signature: Full Name:	Signature:	
Residence:	Full Name:	
Residence:	Residence:	
Country:		
Citizenship:	Country:	
P.O. Address:	Citizenship:	
Employed By:	P.O. Address:	
Of Country:	Employed By:	
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At	A A .	~~~~
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The state of the s	this day of	, 20
Signature:	Signature:	
Full Name:	Full Name:	
Residence:	Residence:	
	. Tooldonov.	
Country:	Country:	
Citizenship:	Citizenship:	
P.O. Address:	P.O. Address:	
Employed By:	Employed By:	
Of Country:	Of Country:	
	Several contraction of the several contraction o	*******
At:	At:	****************
this day of , 20	this day of	, 20
	/	
Signature:	Signature:	
Full Name:	Full Name:	
Residence:	Residence:	
Country;	Country:	
Citizenship:	Citizenship:	
P.O. Address:	P.O. Address:	
	I	
Employed By: Of Country:	Employed By:	

Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION At: XYELL X+ this Z5 day of this 25 day of 1/1/15 Effective as of December 27, 2012 day of Effective as of December 27, 2012 Signature: Signature: 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
Citizenship: United States of America
TNDTA Country: United States of America Citizenship: Canada 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: day of At: this day of , 20 Effective as of December 27, 2012 Signature: Signature:
Full Name: Philip P. Fontaine Full Name: Residence: Residence: 922 W. 18th St. 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: day of this \_\_\_\_\_ day of \_\_\_\_\_\_, 20 Signature: Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By: Employed By: Of Country: Of Country: At: day of day of , 20 Signature: Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By: Employed By: Of Country: Of Country: day of , 20 this day of this Signature: \_ Full Name: Signature: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By:

Employed By:

Of Country:

Of Country:

Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION At: this day of day of this this Effective as of December 27, 2012 Effective as of December 27, 2012 Signature: Signature: Full Name: Mridula Kapur Full Name: Sylvie Desjardins 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 Company Of Country: United States of America Of Country: United States of America At: Free port TX this 6th day of February this day of , 20 Effective as of December 27, 2012 Signature: Philip P. Fontaine Signature: Full Name: Residence: 922 W. 18th St. 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: At: day of Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By: Employed By: Of Country: Of Country: this day of Signature: Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By: Employed By: Of Country: Of Country: day of this day of , 20 Signature: Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P.O. Address: P.O. Address: Employed By: Employed By: Of Country: Of Country: