

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4376891

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	4	
CONVEYING PARTY DATA		
	Name	Execution Date
	TERESA P KARJALA	01/09/2013
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:	14972346
CORRESPONDENCE DATA		
Fax Number:	(989)636-3237	
<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:	9896368537	
Email:	FGLMFRR@DOW.COM	
Correspondent Name:	KRISTIE ELLISON	
Address Line 1:	2040 DOW CENTER	
Address Line 4:	MIDLAND, MICHIGAN 48674	
ATTORNEY DOCKET NUMBER:	69774-US-CNT	
NAME OF SUBMITTER:	KRISTIE ELLISON	
SIGNATURE:	/Kristie Ellison/	
DATE SIGNED:	04/20/2017	
Total Attachments: 2		
source=69774-US-CNT 20170420 Inventor to DGTL#page1.tif		
source=69774-US-CNT 20170420 Inventor to DGTL#page2.tif		

This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and R5Date

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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: **LOW DENSITY ETHYLENE-BASED POLYMERS WITH BROAD MOLECULAR WEIGHT DISTRIBUTIONS AND LOW EXTRACTABLES**

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
61/563,186	November 23, 2011	United States of America
PCT/US12/64284	November 9, 2012	PCT (International)

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: Irving, Texas 7541 USA
this 9th day of January, 2013
Effective as of November 9, 2012
Signature: [Signature]
Full Name: Teresa P. Karjala
Residence: 56 Mandevilla Court
Lake Jackson, Texas 77566
UNITED STATES OF AMERICA
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: _____
this _____ day of _____, 20____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

At: _____
this _____ day of _____, 20____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

At: _____
this _____ day of _____, 20____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

() Additional names and signatures are attached.

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: January 9, 2013; effective as of
 November 9, 2012

From, the ASSIGNOR: Teresa P. Karjala, 56 Mandevilla Court, Lake Jackson, Texas 77566, United
 States of America, Citizen of United States of America

of the invention entitled:

**LOW DENSITY ETHYLENE-BASED POLYMERS WITH BROAD MOLECULAR WEIGHT
 DISTRIBUTIONS AND LOW EXTRACTABLES**

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 18th day of February, 20 13

CORP.
 SEAL

DOW GLOBAL TECHNOLOGIES LLC

By: Susan M. Zerull
SUSAN M. ZERULL

Authorized Representative

NOTARIAL CERTIFICATE (Limited Liability Company)

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

On this 18th day of February, 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.

SEAL.

Rebecca Sue Hollingshead
 NOTARY PUBLIC

Rebecca Sue Hollingshead
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES November 25, 2016

PATENT

RECORDED: 04/20/2017

REEL: 042079 FRAME: 0842