503281697 04/27/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KISHORI DESHPANDE	02/08/2011
SERENA K STEPHENSON	02/08/2011
RAVINDRA S DIXIT	02/08/2011

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:	13991832

CORRESPONDENCE DATA

Fax Number: (979)238-7055

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: 9792381087
Email: jlboyd@dow.com
Correspondent Name: JENNA BOYD

Address Line 1: 2301 N. BRAZOSPORT BLVD Address Line 4: FREEPORT, TEXAS 77541

ATTORNEY DOCKET NUMBER:	69213-US-PCT
NAME OF SUBMITTER:	JENNA L BOYD
SIGNATURE:	/Jenna L. Boyd/
DATE SIGNED:	04/27/2015

Total Attachments: 3

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PATENT 503281697 REEL: 035504 FRAME: 0837

■660 ● 660 ●

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, USA

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: February 8, 2011; effective as of December 21, 2010

From, the ASSIGNOR: Kishori Deshpande, 514 That Way #1924, Lake Jackson, Texas 77566, United States of America, Citizen of India; Serena K. Stephenson, 107 Dewberry, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; and Ravindra S. Dixit, 95 Rosewood Street, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

United States of America.

Signed at

POLYMERIZATION PROCESS AND RAMAN ANALYSIS FOR OLEFIN-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 thought day of	rebruary		
CORP. SEAL	By: WAS BY: JOHN B. TR	Tom	SLLC
NOTARIAL	CERTIFICATE	(Limited Lia	ability Company)
UNITED STATES OF STATE OF MICHIG County/Parish of Mic	AN) SS		
before me, JOHN B. TF	of February REANGEN, Authorized Re to be the individual describe	presentative,	
and acknowledged the sam	to be the individual describe te as a free act and deed for the d liability company incorpor	uses and purposes the	herein expressed by

I further certify that said authority, dated January 6, 2011, 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.

Relieca Sue Hollenghead

Tellinger The Hollingsland NET-EN EVELON FLAD COUNTY, MICH 2011 IN EGUALES EN EXP RES NOVEMBER 25, 2012

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 AND RAMAN ANALYSIS FOR OLEFIN-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

a limited liability company 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
61/425,601	December 21, 2010	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: Freeport, Texas 77541 USA	At: Freeport, Texas 77541 USA
this 8th day of February, 20 11	this S day of February , 20 11
Effective as of December 21, 2010	Effective as of December 21, 2010
Signature: Full Name: Kishori Deshpande Residence: 514 That Way #1924 Lake Jackson, Texas 77566 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	Signature: Serena K. Stephenson Residence: 107 Dewberry Lake Jackson, Texas 77566 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 8th day of February , 20 11 Effective as of December 21, 2010	At:
Signature: Ravindra S. Binidante S. Binidant	Signature: Full Name: Residence: Country: Citizenship: P.O. Address: Employed By:
	Of Country:

() Additional names and signatures are attached.

MOTARIAL CERTIFICATE (Individual)

NOTARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 8th day of 7ebruary ,20// , personally appeared before me, Kishori Deshpande
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.
DELANE E. PEDERSEN Notery Public, State of Texas My Commission Expires February 08, 2014
NOTARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this _\(\frac{\beta^{+\sigma}}{\text{day of}}\) day of _\(\frac{\frac{\text{February}}{\text{Druary}}}{\text{Sevena K. Stephenson}}\), personally appeared before me,
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.
DELANE E. PEDERSEN Notary Public, State of Texas My Commission Expires February 08, 2014
NOTARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 8th day of 10h ruau , 2011, personally appeared before me, Ravindra S. Dixit
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.
DELANE E. PEDERSEN Notary Public, State of Texas My Commission Expires February 08, 2014

PATENT REEL: 035504 FRAME: 0840

RECORDED: 04/27/2015