504330179 04/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4376865

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
SEQUENCE:		2	2			
CONVEYING PARTY D	ΑΤΑ					
		Name		Execution Date		
DOW BENELUX B.V.				02/18/2013		
Name:	THE DO	W CHEMICAL COMPANY				
Street Address:	2030 DC	OW CENTER				
City:	MIDLAN	D				
State/Country:	MICHIG	AN				
Postal Code:	48674					
PROPERTY NUMBERS Total: 1 Property Type Analisation Numbers		Number				
Application Number:	1	4972346				
Fax Number:		989)636-3237				
Fax Number: (989)636-3237 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: 9896368537						
Email:	F	GLMFRR@DOW.COM				
Correspondent Name:	K	RISTIE ELLISON				
Address Line 1:		040 DOW CENTER				
Address Line 4:	N	/IDLAND, MICHIGAN 48674				
ATTORNEY DOCKET NUMBER:		69774-US-CNT	69774-US-CNT			
NAME OF SUBMITTER:		KRISTIE ELLISON	KRISTIE ELLISON			
SIGNATURE:		/Kristie Ellison/	/Kristie Ellison/			
DATE SIGNED:		04/20/2017				
Total Attachments: 3						
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		DOWBNX to TDDC#page2.tif				
source=69774-US-CNT 20170420 DOWBNX to TDDC#page3.tif						

This Assignment 440 is in the ENGUISH longuage and has the same meaning in other languages with the same 440 number

FORM 440

ASSIGNMENT (with Priority Rights) and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DOW BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek, Postbus 48 4530 AA Terneuzen Netherlands

a Private Limited Liability Company organized and existing under the laws of NETHERLANDS do hereby claim and declare that we hold the invention and all parent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Otto J. Berbee, Carmelweg 17, 4561XE Huist, Netherlands, Citizen of Netherlands; Cornelis F. J., den Doelder, Kristaldreef 6, 4533AL Terneuzen, Netherlands, Citizen of Netherlands; and Stefan Hinrichs, Liefhilkstraat 16, 9032 Wondelgern, Belgium, Citizen of Germany

by an Assignment dated: January 3, 2013 and January 14, 2013, respectively of an invention relating to and entitled:

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

We do hereby declare, for good and valuable consideration, effective as of November 9, 2012, received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee 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 priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries, and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

	Application Number	Filing Date	Filing Country
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of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Swom by us atMidland, Michigan 48674, USA	
this 18th day of February, 20 13	_
CORP SEAL By DARRYL P. FRICKEY Authorized Representative	

Attach Notarial Certificate (Corporation)

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:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: <u>February 18</u>, 3012; effective as of November 9, 2012

From. the ASSIGNOR:

DOW BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek, Postbus 48 4530 AA Terneuzen Netherlands

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 atMidland, Michigan 48674, USA
this 18th day of February, 2013
CORP SEAL By: DARRYL P. FRICKEY Assistant General Counsel - IP Law
NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland) On this <u>1844</u> day of <u>Gebruary</u> , 2013, personally appeared before me, DARRYL P. FRICKEY, Assistant General Counsel - IP Law , known or identified to me to be the individual described in and who executed the foregoing documen and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.
I further certify that said authority, dated April 6, 2011, is based on
a Certified Resolution
which I have seen, appointing the said individual Assistant General Counsel - IP Law with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.
Pelicea Sue Hollenghead

Rebecco Sua Hollingshead • 11 SPV PUBLIC, MIDLAND COUNTY, NICHIGAN • CORMISSION EXPIRES November 25, 2018

SEAL

PATENT REEL: 042079 FRAME: 0720 This Notanal Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number

This Notatrial Certificate 350 is in the ENGLISH language and has the same meaning in other languages with the same 550 number FORM 550

NOTARIAL CERTIFICATE (Private Limited Liability Company)

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

On this 18th day of <u>February</u>, 2013 personally appeared before me, DARRYL P. FRICKEY, Authorized Representative,

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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 Private Limited Liability Company incorporated under the laws of NETHERLANDS.

I further certify that said authority, dated March 21, 2011, is based on

by authority of a Power of Attorney

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said private limited liability company and that the purposes for which said document is granted are within the scope of the objects or activities of said private limited liability company.

ecca Sie Hollerghead

Rebiolo Sur Hollingshood NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES November 25, 2018

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