502551505 10/30/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2597091

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	′ DATA					
			Name	Execution Date	7	
OTTO J. BERBEE				02/27/2012]	
RECEIVING PARTY	DATA					
Name:	DOW BENELI	JX B.V.				
Street Address:	HERBERT H.	HERBERT H. DOWWEG 5				
Internal Address:	4542 NM HOE	K, POS	STBUS 48]	
City:	TERNEUZEN					
State/Country:	NETHERLAN	NETHERLANDS				
Postal Code:	4530 AA	4530 AA				
Property		40004	Number			
Application Number: 1		13394	3394494			
CORRESPONDENC	E DATA					
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			n the email attempt is unsuccessful.			
Correspondent Name: JERE L POLMATIER Address Line 1: WHYTE HIRSCHBOECK DUDEK SC						
Address Line 2: 555 EAST WELLS STREET, SUITE 1900						
Address Line 4:			EE, WISCONSIN 53202			
ATTORNEY DOCKET NUMBER:		68790-US-PCT				
NAME OF SUBMITTER:		JERE L. POLMATIER				
Signature:		/jlp/				
Date:		10/30/2013				

Total Attachments: 2

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REEL: 031510 FRAME: 0945

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R De

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: POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLY(ALKOXIDE)

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 Benelux B.V. Herbert H. Dowweg 5 4542 NM Hoek, Postbus 48 4530 AA Terneuzen NETHERLANDS

a corporation organized and existing under the laws of Netherlands (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
PCT/US2010/048821	September 14, 2010	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;

AL Terneuzen, 4530AA, Neth	At:		
this 27 day of FOOVUOIVY, 2012	this day of , 20		
Effective as of September 14, 2010			
D = 0			
Signature:	Signature:		
Full Name: Otto J. Berbee	Full Name:		
Residence: Carmelweg 17	Residence:		
4561XE Hulst			
NETHERLANDS			
Country: Netherlands	Country:		
Citizenship: Netherlands	Citizenship:		
P.O. Address: Same as Residence	P.O. Address:		
Employed By: Dow Benelux B.V.	Employed By:		
Of Country: Netherlands	Of Country:		
A1:	At		
At:	At:		
At: this day of, 20	At: this day of , 20		
this day of, 20	this day of, 20		
this day of, 20 Signature:	this day of, 20		
this day of, 20	this day of, 20 Signature: Full Name:		
this day of, 20	this day of, 20 Signature: Full Name:		
this day of, 20	this day of , 20 Signature: Full Name: Residence:		
this day of, 20	this day of, 20		
this	this day of , 20 Signature: Full Name: Residence: Country: Citizenship: P.O. Address: Employed By:		
this day of , 20 Signature: Full Name: Residence: Country: Citizenship: P.O. Address:	this day of , 20 Signature: Full Name: Residence: Country: Citizenship: P.O. Address:		

() 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 **FORM 660**

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

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

hereby accept the ASSIGNMENT attached hereto which is dated: February 27, 2012; effective as of September 14, 2010

From, the ASSIGNOR: Otto J. Berbee, Carmelweg 17, 4561XE Hulst, Netherlands, Citizen of Netherlands

of the invention entitled:

POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLY(ALKOXIDE)

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	day of March, 20 12						
CORP. SEAL	By: DARRYL P. FRICKEY Authorized Representative						

NOTARIAL CERTIFICATE (Corporation)

STATE OF MICHIGAN) SS			
County/Parish of Midland)			
On this 13 day of Mare	ch	, 20	_, personally appeared	đ
before me, DARRYL P. FRICKEY, A				
known or identified to me to be the indivi-			usted the foregoine decrime	

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 NETHERLANDS.

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

by authority of a Power of Attorney

UNITED STATES OF AMERICA)

which I have seen, appointing the said individual Authorized Representative 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.

SEAL.

Kathy Sue Wertz NOTARY PUBLIC, WIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

> **PATENT** REEL: 031510 FRAME: 0947

RECORDED: 10/30/2013