PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
OTTO J. BERBEE	04/16/2013
CORNELIS F. J. DEN DOELDER	04/16/2013
STEFAN HINRICHS	04/18/2013

RECEIVING PARTY DATA

Name:	DOW BENELUX B.V.
Street Address:	HERBERT H. DOWWEG 5
Internal Address:	4542 NM HOEK, POSTBUS 48
City:	TERNEUZEN
State/Country:	NETHERLANDS
Postal Code:	4530 AA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14434204

CORRESPONDENCE DATA

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: 989-636-7924
Email: kswertz@dow.com
Correspondent Name: KATHY WERTZ
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	72036-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	12/02/2015

Total Attachments: 2

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PATENT REEL: 037191 FRAME: 0681

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PATENT REEL: 037191 FRAME: 0682 This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

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 HIGH MELT STRENGTH

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, tide 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

ſ	Priority Number	Filing Date	Filing Country
Ì	61/728,341	November 20, 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:

At levneusen The Netherland)	AL TERNEWZEN, THE NETHERLANDS
this 16 day of 1907, 1	this 16 day of APRIL . 20 13
Effective as of November 20, 2012	Effective as of November 20, 2012
	Il the when
Signature:	Signature:
Full Name: Otto J. Berbee	Full Name: Cornelis F. J. den Doelder
Residence: Carmelweg 17	Residence: Kristaldreef 6
4561XE Hulst	4533AL Terneuzen
NETHERLANDS	NETHERLANDS
Country: Netherlands	Country: Netherlands
Citizenship: Netherlands	Citizenship: Netherlands
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow Benelux B.V.	Employed By: Dow Benelux B.V.
Of Country: Netherlands	Of Country: Netherlands
In Tarte at 2 ft . The March of	At:
At: 18 they can the fether lands this day of front , 20 13	
	this, 20
Effective as of November 20, 2012	
Signature:	Signature:
Full Name: Stefan Hinrichs	Full Name:
Residence: Liefbilkstraat 16	Residence:
9032 Wondelgem	
BELGIUM	
	I .
Country: Belgium	Country:
Country: Belgium Citizenship: Germany	Citizenship:
Citizenship: Germany	Citizenship:
Citizenship: Germany P.O. Address: Same as Residence	Citizenship: P.O. Address:

PATENT REEL: 037191 FRAME: 0683 ●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 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: April 16, 2013; April 16, 2013; and April 18, 2013; effective as of November 20, 2012.

From, the ASSIGNOR: Otto J. Berbee, Carmelweg 17, 4561XE Hulst, Netherlands, Citizen of Netherlands; Cornelis F. J. den Doelder, Kristaldreef 6, 4533HD Terneuzen, Netherlands, Citizen of Netherlands; and Stefan Hinrichs, Liefbilkstraat 16, 9032 Wondelgem, Belgium, Citizen of Germany

of the invention entitled:

LOW DENSITY ETHYLENE-BASED POLYMERS WITH HIGH MELT STRENGTH

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
COR SEAI	

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this 14 day of Augus , 2013, personally appeared
before me, DARRYL P. FRICKEY, 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 entity organized and existing 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 entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL.

RECORDED: 12/02/2015

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

> PATENT REEL: 037191 FRAME: 0684