PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4266910

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CORNELIS FJ DEN DOELDER	01/09/2014
MARC A MANGNUS	01/09/2014

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:	14787434

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: 9896368537

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Correspondent Name:KRISTIE ELLISONAddress Line 1:2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	74628-US-PCT
NAME OF SUBMITTER:	KRISTIE ELLISON
SIGNATURE:	/Kristie Ellison/
DATE SIGNED:	02/09/2017

Total Attachments: 2

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PATENT 504220233 REEL: 041213 FRAME: 0141

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 POLYMER COMPOSITIONS WITH GOOD MELT STRENGTH AND HIGH DENSITY

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

an entity organized and existing under the laws of the state 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
61/818,234	May 1, 2013	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 coverant 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 TERNEY 25N, 4530AA, WETHER (MIDS	At Terneuxen, 4530AA Netherland
this day of	this g day of Manuary, 20 14
Effective as of May 1, 2013	Effective as of May 1, 2013
the the Jack	Thomas of
Signature:	Signature:
Full Name: Cornelis F.T. den Doelder	Full Name: Marc A. Mangnus
Residence: Kristaldreef 6	Residence: Bisschoppendreef 3
4533HD Terneuzen	4567AV Clinge
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
At:	At:
this, 20, 20	this, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:
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PATENT REEL: 041213 FRAME: 0142 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

Midland, Michigan 48674, USA

hereby accept the ASSIGNMENT attached hereto which is dated: January 9, 2014 and January 9, 2014; effective as of May 1, 2013.

From, the ASSIGNOR: Cornelis F. den Doelder, Kristaldreef 6, 4533HD Terneuzen, Netherlands, Citizen of Netherlands and Marc A. Mangnus, Bisschoppendreef 3, 4567AV Clinge, Netherlands, Citizen of Netherlands

of the invention entitled:

Signed at

LOW DENSITY ETHYLENE-BASED POLYMER COMPOSITIONS WITH GOOD MELT STRENGTH AND HIGH DENSITY

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 // day of February , 20 14
	DOW BENELUX B.V.
	CORP. SEAL
	DARRYL P. FRICKEY Authorized Representative
	NOTARIAL CERTIFICATE
ļ	UNITED STATES OF AMERICA)
,	STATE OF MICHIGAN) SS
(County/Parish of Midland)
(On this 11 day of February, 2014, personally appeared
	pefore 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.
]	further certify that said authority, dated March 21, 2011, is based on
1	by authority of a Power of Attorney
1	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

NOTARY PUBLIC. MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2016

PATENT REEL: 041213 FRAME: 0143

RECORDED: 02/09/2017