504670518 12/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4717240

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID A. BABB	07/13/2015
WILLIAM A. KOONCE	08/11/2015
DONALD CAMERON	07/17/2015

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:	15579595	

CORRESPONDENCE DATA

Fax Number: (215)938-1982

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: 215-938-1981

Email: GARYCOHN@SEATTLEPATENT.COM

Correspondent Name: THE DOW CHEMICAL COMPANY -- GARY C COHN

Address Line 1: 325 7TH AVENUE, #203

Address Line 4: SAN DIEGO, CALIFORNIA 92101

ATTORNEY DOCKET NUMBER:	77805-US-PCT
NAME OF SUBMITTER:	GARY C COHN
SIGNATURE:	/garyccohn/
DATE SIGNED:	12/04/2017

Total Attachments: 4

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> PATENT REEL: 044292 FRAME: 0534

504670518

This Assigned Acceptance 660 is in the ENOLIGH language and has the same meaning in other languages with the same 660 number.

This Assignee Acceptance 660 is in the ENGLISH language and has the same marring in other languages with the issue 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES LLC

2040 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: <u>July 13, 2015; July 17, 2015 and August 11, 2015</u>, respectively; with an effective date as of June 20, 2015

From, the ASSIGNOR: David A. Babb, 2301 North Brazosport Boulevard, Freeport, Texas 77541, United States of America, Citizen of United States of America; William A. Koonce, 2301 North Brazosport Boulevard, Freeport, Texas 77541, United States of America, Citizen of United States of America; and Donald Cameron, 2301 North Brazosport Boulevard, Freeport, Texas 77541, United States of America, Citizen of United States of America

of the invention entitled:

Signed at

CONTINUOUS PROCESS FOR MAKING POLYETHER POLYOLS HAVING HIGH POLYMERIZED ETHYLENE OXIDE CONTENT USING A DOUBLE METAL CYANIDE CATALYST COMPLEX AND A MAGNESIUM, GROUP 3 - GROUP 15 METAL OR LANTHANIDE SERIES METAL COMPOUND

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	24 day of	August , 2015
dia Na			DOW GLQBAL TECHNOLOGIES LLC
	*	CORP. SEAL	a Sudar W Zan
			SUSAN M. ZERULL Authorized Representative
			THE A TREE BY A WETHER CHILD A A ROLL A TRICKLY

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this <u>24</u> day of <u>August</u> , 2015, personally appeared
pefore me, SUSAN M. ZERULL, Anthorized Representative,
cnown 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 entity organized and existing under the laws of the State of Delaware, United
States of America.

I further certify that said authority, dated June 1, 2014, is based on

Midland, Michigan 48674, USA

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 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 ROBLIC, MIDLAND COUNTY, MICHIGAN

ATARY POOLIN, WILESAMES APRIL 07, 2018

MY COMMISSION EXPIRES APRIL 07, 2018

PATENT

REEL: 044292 FRAME: 0535

This Assignment 110 is in the ENGLISH language and has the sons meaning in other languages with the same 110 number and I/Date.

This Assignment 110 is in the ENGLISH lenguage and has the same rescening in other burguages with the scare 110 marrier and RODs

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: CONTINUOUS PROCESS FOR MAKING POLYETHER POLYOLS HAVING HIGH POLYMERIZED ETHYLENE OXIDE CONTENT USING A DOUBLE METAL CYANIDE CATALYST COMPLEX AND A MAGNESIUM, GROUP 3 - GROUP 15 METAL OR LANTHANIDE SERIES METAL COMPOUND

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

an entity organized and existing under the laws of the State of Delaware, United States of America (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
62/182,462	June 20, 2015	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. If 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	
At: Freeport, Texas 77541 USA this 13 day of 7,21,4 , 20 15 Effective as of June 20, 2015	At: Freeport, Texas 77541 USA this day of , 20 Effective as of June 20, 2015	
Effective as of June 20, 2015	Effective as of June 20, 2015	
Signature: Full Name: David A. Babb Mailing 2301 North Brazosport Boulevard Address: Freeport, Texas 77541 Country: United States of America Citizenship: United States of America	Signature: Full Name: William A. Koonce Mailing 2301 North Brazosport Boulevard Address: Freeport, Texas 77541 Country: United States of America Citizenship: United States of America	
\$www.www.www.xxxxxxxxxxxxxxxxxxxxxxxxxx	\$	~~~~
At: Freeport, Texas 77541 USA this day of , 29	At:	
5.1		
this day of, 20	this day of ,20	
Effective as of June 20, 2015	this day of, 20	
Effective as of June 20, 2015	this day of, 20	
Effective as of June 20, 2015	***************************************	
Effective as of June 20, 2015 Signature:	Signature:	
Effective as of June 20, 2015 Signature: Full Name: Donald Cameron	Signature: Full Name:	
Effective as of June 20, 2015 Signature: Full Name: Donald Cameron Mailing 2301 North Brazosport Boulevard	Signature:	
Effective as of June 20, 2015 Signature: Full Name: Donald Cameron Mailing 2301 North Brazosport Boulevard Address: Freeport, Texas 77541	Signature: Full Name: Mailing	
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PATENT REEL: 044292 FRAME: 0536 This Assignment 110 is in the EMOLISH language and loss the soon macring in other languages with the same 110 number and S/New

FORM 110 (R 5/97)

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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

an entity organized and existing under the laws of the State of Delaware, United States of America (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

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Drigging Number	Filing Data	Filing Country
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62/182 462	lung 20, 2015	I Initial States of America
02) 102,402		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. It was do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or linguistic 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.

Vwe 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 Noterial 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 day of ,20 Effective as of lone 20, 2015	At: Freeport, Texas 77541 USA this // day of 1,074 ,20/5
Effective as of June 20, 2015  Signature: Full Name: David A. Babb Mailing 2301 North Brazosport Boulevard Address: Freeport, Texas 77541 Country: United States of America Citizenship: United States of America	Signature: Full Name: William A. Koonee Mailing 2301 North Brazosport Boulevard Address: Freeport, Texas 77541 Country: United States of America Citizenship: United States of America
At: Freeport, Texas 77541 USA this day of , 20 Effective as of June 20, 2015	At:
Signature:	Signature:
Full Name: Donald Cameron Mailing 2301 North Brazesport Boulevard Address: Freeport, Texas 77541 Country: United States of America Citizenship: United States of America	Full Name: Mailing Address: Country: Citizenship:

PATENT REEL: 044292 FRAME: 0537

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FORM 110 (8.5/97)

## 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: CONTINUOUS PROCESS FOR MAKING POLYETHER POLYOLS HAVING HIGH POLYMERIZED ETHYLENE OXIDE CONTENT USING A DOUBLE METAL CYANIDE CATALYST COMPLEX AND A MAGNESIUM, GROUP I - GROUP IS METAL OR LANTHANIDE SERIES METAL COMPOUND

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

an entity organized and existing under the laws of the State of Delaware, United States of America (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

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- 9	(270) 1 (222) 1 (22	2 20 20 20 20 20 20 20 20 20 20 20 20 20	

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.

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At: Freeport, Texas 77541 USA	At. Freeport, Texas 77541 USA
this day of , 20	this day of , 20
Effective as of June 20, 2015	Effective as of June 20, 2015
Signature: Full Name: David A. Babb	Signature: Full Name: William A. Koonce
Mailing 2301 North Brazosport Boulevard	Mailing 2301 North Brazosport Boulevard
Address: Freeport, Texas 77541	Address: Preeport, Texas 77541
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
At: Freeport, Texas 77541 USA this day of 1, 20 , 20 Effective as of June 20 , 20 Signature: Full Name: Minald Cameron Mailing 2301 North Brazosport Boulevard Address. Freeport, Texas 77541 Country: United States of America Citizenship: United States of America	At: this day of , 20  Signature: Full Name: Mailing. Address: Country. Citizenship.

**PATENT** REEL: 044292 FRAME: 0538

RECORDED: 12/04/2017