504280457 03/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4327139

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL C. FLOYD	01/15/2012
CARLOS M. VILLA	01/06/2012

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:	14234577

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:	71202-US-PCT
NAME OF SUBMITTER:	GARY C COHN
SIGNATURE:	/garyccohn/
DATE SIGNED:	03/20/2017

Total Attachments: 3

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PATENT 504280457 REEL: 041648 FRAME: 0382

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: PROCESS FOR MAKING POLYETHER ALCOHOLS HAVING OXYETHLENE UNITS BY POLYMERIZATION OF ETHYLENE CARBONATE IN THE PRESENCE OF DOUBLE METAL CYANIDE CATALYSTS

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

a limited liability company organized and existing under the laws of **Delaware** (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
61/527,299	August 25, 2011	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: TZICHMOND, VA 75236	At:
this /5 day of JANUARY, 20 17	this day of , 20
Effective as of August 25, 2011	Effective as of August 25, 2011
Signature:	Signature:
Full Name: Daniel C. Floyd	Full Name: Carlos M. Villa
Residence: 341 Huddersfield Drive	Residence: 61 Southernwood Court
Richmond, Virginia 23236	Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company*
	Of Country: United States of America
Of Country: United States of America	*At the time the invention was made.
At:	At:
this, 20	this day of, 20
ISignature:	Signature:
Signature:	Signature:
Full Name:	Full Name:
Full Name: Residence:	Full Name: Residence:
Full Name: Residence: Country:	Full Name: Residence: Country:
Full Name: Residence:	Full Name: Residence:
Full Name: Residence: Country: Citizenship: P.O. Address:	Full Name: Residence: Country: Citizenship: P.O. Address:
Full Name: Residence: Country: Citizenship:	Full Name: Residence: Country: Citizenship:

() Additional names and signatures are attached.

100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100

FORM 110 (R 5 02)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I'we verily believe I amove 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: PROCESS FOR MAKING POLYETHER ALCOHOLS HAVING OXYETHLENE UNITS BY POLYMERIZATION OF ETHYLENE CARBONATE IN THE PRESENCE OF DOUBLE METAL CYANIDE CATALYSTS

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

a limited liability company organized and existing under the laws of **Delaware** (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 Assignce, and do hereby authorize Assignce or its designee to insert here the Priority Number, Filing Date, and Filing Country

	·	
Priority Number	Filing Date	Print of
		Filing Country
61/527 200		
017247,227		United States of America 1

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. Two do hereby agree to assist Assignce 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:	At FreeDort TX 77541 USA
this day of , 20	this 6 day of January , 20 12
Effective as of August 25, 2011	Effective as of August 25, 2011
Signature: Full Name: Daniel C. Floyd Residence: 341 Huddersfield Drive Richmond, Virginia 23236 Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence Employed By: The Dow Chemical Company	Signature: Full Name: Carlos M. Villa Residence: 61 Southernwood Court Lake Jackson, Texas 77566 Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence Employed By: The Dow Chemical Company* Of Country: United States of America
Of Country: United States of America	*At the time the invention was made.
At:	
this day of , 20	At:
day 01, 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	C
Citizenship:	Country:
P.O. Address:	Citizenship: P.O. Address:
Employed By:	Employed By:
	լեարաչեն քչ.
Of Country:	Of Country:

() Additional names and signatures are attached,

●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 GLOBAL TECHNOLOGIES LLC

2040 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: January 6, 2012 and January 15, 2012; with an effective date as of August 25, 2011

From, the ASSIGNOR: Daniel C. Floyd, 341 Huddersfield Drive, Richmond, Virginia 23236, United States of America, Citizen of United States of America and Carlos M. Villa, 61 Southernwood Court, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

PROCESS FOR MAKING POLYETHER ALCOHOLS HAVING OXYETHLENE UNITS BY POLYMERIZATION OF ETHYLENE CARBONATE IN THE PRESENCE OF DOUBLE METAL CYANIDE CATALYSTS

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.

I further certify that said authority, dated January 6, 2011, is based on

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 limited liability company and that the purposes for which said document is granted are within the scope of the objects or activities of said limited liability company.

SEAL

Kathy Sive Wests

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

PATENT REEL: 041648 FRAME: 0385

SEAL

RECORDED: 03/20/2017