#### 503396426 07/17/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3443051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	6

### **CONVEYING PARTY DATA**

Name	Execution Date
PHILIP J. CARLBERG	08/25/2011
HANNAH L. CRAMPTON	09/08/2011
CESAR E. MEZA	02/23/2012

#### **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:	13983361

### 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: 989-636-7934 Email: kswertz@dow.com **Correspondent Name: KATHY WERTZ** Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	70779-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	07/17/2015

#### **Total Attachments: 4**

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**PATENT** REEL: 036120 FRAME: 0897 503396426

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FORM 110 (R. 5/97)

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## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

Ewe 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: SYSTEM AND PROCESS FOR PRODUCING AN OXIRANE

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 corporation 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
61/439,718	February 4, 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.

At.

this

Freeport, Texas 77541, USA

day of Spotember

Subscribed and Declared by me/us:

tive as of February 4, 2011
we Hannah Han Im
lame: Hannah L. Crampton
ence: 201 Arrowwood Street
Lake Jackson, Texas 77566
ry: United States of America
mship: United States of America
Address: Same as residence
oyed By: The Dow Chemical Company
ountry: United States of America
day of
ture:
vame:
ence;
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try:
anship:
Address: Same as residence
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ountry:
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( ) Additie

FORM 110 (R 5/97)

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Freeport, Texas 77541, USA

day of August

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

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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

a corporation 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

Priorit	y Number	Filing Date	Filing Country
61/4	39,718	February 4, 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.

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At:

this

Freeport, Texas 77541, USA

day of

Subscribed and Declared by me/us:

At:

Effective as of rebutaty 4, 2011	Effective as of February 4, 2011
Signature: Philip & Carlley	Signature:
Full Name: Philip J. Carlberg	Full Name: Hannah L. Crampton
Residence: 427 Huckleberry Drive	Residence: 201 Arrowwood Street
Lake Jackson, Texas 77566	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: <u>Freeport, Texas 77541, USA</u>	At:
this, 20	this, 20
Signature:	Signature:
Full Name: Cesar E. Meza	Full Name:
Residence: 3318 Stanton Court	Residence:
Pearland, Texas 77584	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
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:
Of Country: United States of America	Of Country:
onal names and signatures are attached.	

( ) Addition

Freeport, Texas 77541, USA

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: SYSTEM AND PROCESS FOR PRODUCING AN OXIRANE

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 corporation 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
61/439,718	February 4, 2011	United States of America

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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.

Freeport, Texas 77541, USA

At:

Subscribed and Declared by me/us:

At:

this, 20	this, 20
Effective as of February 4, 2011	Effective as of February 4, 2011
Signature:	Signature:
Full Name: Philip J. Carlberg	Full Name: Hannah L. Crampton
Residence: 427 Huckleberry Drive	Residence: 201 Arrowwood Street
Lake Jackson, Texas 77566	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: Freeport, Texas 77541, USA	At;
this <u>23</u> day of <u>February</u> , 20 12	this, 20,
Effective as of February 4, 2011	
Signature: June Home	Signature:
Full Name: Cesar E. Meza	Full Name:
Residence: 3318 Stanton Court	Residence:
Pearland, Texas 77584	110010011001
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as residence	P.O. Address: Same as residence
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:

( ) Additional names and signatures are attached.

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This Assignee Acceptance 600 is to the ENGLISH language and has the same meaning in other languages with the same ofto number. FORM 660

# ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES LLC

2040 Dow Center

Midland, Michigan 48674 United States of America

bereby accept the ASSIGNMENT attached hereto which is dated: August 25, 2011 and September 8, 2011, respectively

From, the ASSIGNOR: Phillip J. Carlberg, 427 Huckleberry Drive, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America and Hannah L. Crampton, 201 Arrowwood Street, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

#### SYSTEM AND PROCESS FOR PRODUCING AN OXIRANE

without any restrictions and with all rights and obligations deriving therefrom and declare that this TRIMINITY A him adi to tren e hamaah ad flada spreigraph an april profit profit

Signed at Midland, Michigan 48674, USA
this 29 day of November, 20 11
DOW GYOBAL TECHNOLOGIES LLC  CORP. SEAL  By: JOHN B. TREANGEN Authorized Representative  NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland ) On this
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

MOTARY PUBLIC, MICHAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

**PATENT** REEL: 036120 FRAME: 0902

Kay \_\_\_

**RECORDED: 07/17/2015**