

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3464497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW L. GRANDBOIS	05/11/2012
XIAOYUN CHEN	05/11/2012
WILLIAM J. KRUPER JR.	01/21/2014
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:	14362249
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>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.</i>	
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:	71937-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	07/31/2015
Total Attachments: 3	
source=71937-US-PCT 20150731 KSW Inventors to DGTL Assignment#page1.tif	
source=71937-US-PCT 20150731 KSW Inventors to DGTL Assignment#page2.tif	
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This Assignment 110 is in the ENGLISH language and for the same meaning in other languages with the same 110 number and R/Data



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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 THE PRODUCTION OF CHLORINATED ALKANES**

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
611566,202	December 2, 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: <u>Midland, Michigan 48674 USA</u> this _____ day of _____, 20____ Effective as of December 2, 2011
Signature: _____ Full Name: <u>Matthew L. Grandbois</u> Residence: <u>6000 Sturgeon Creek Parkway</u> <u>Midland, Michigan 48640</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>

At: <u>Midland, Michigan 48674 USA</u> this <u>11th</u> day of <u>May</u> , 20 <u>12</u> Effective as of December 2, 2011
Signature: Full Name: <u>Xiaoyun Chen</u> Residence: <u>5417 Vandemere Drive</u> <u>Midland, Michigan 48642</u> Country: <u>United States of America</u> Citizenship: <u>People's Republic of China</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>

At: <u>Midland, Michigan 48674 USA</u> this _____ day of _____, 20____ Effective as of December 2, 2011
Signature: _____ Full Name: <u>William J. Kruper, Jr.</u> Residence: <u>230 Barden Road</u> <u>Sanford, Michigan 48657</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>

At: _____ this _____ day of _____, 20____ Effective as of December 2, 2011
Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____

() Additional names and signatures are attached.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Lets.

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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

Priority Number	Filing Date	Filing Country
61/566,202	December 2, 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: <u>Midland, Michigan 48674 USA</u> this <u> </u> day of <u> </u> , 20 <u> </u> Effective as of December 2, 2011 Signature: _____ Full Name: <u>Matthew L. Grandbois</u> Residence: <u>6000 Sturgeon Creek Parkway</u> <u>Midland, Michigan 48640</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
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At: <u>Midland, Michigan 48674 USA</u> this <u> </u> day of <u> </u> , 20 <u> </u> Effective as of December 2, 2011 Signature: _____ Full Name: <u>Xiaoyn Chen</u> Residence: <u>5417 Vandemere Drive</u> <u>Midland, Michigan 48642</u> Country: <u>United States of America</u> Citizenship: <u>People's Republic of China</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
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At: <u>Midland, Michigan 48674 USA</u> this <u>21</u> day of <u>Jan</u> , 20 <u>12</u> Effective as of December 2, 2011 Signature: _____ Full Name: <u>William J. Kruper, Jr.</u> Residence: <u>230 Barden Road</u> <u>Sanford, Michigan 48657</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as Residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>

At: _____ this _____ day of _____, 20 _____ Effective as of _____ Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____

() Additional names and signatures are attached.

PATENT