01/27/2015 503153297

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3199910

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN G. PENDERGAST JR.	01/23/2013
WILLIAM S. WHITE	01/24/2013
ANTHONY R. AVILLA	01/23/2013

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:	13089635

CORRESPONDENCE DATA

Fax Number: (866)496-6981

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: 651-760-3256 Email: lisa@ksjlaw.com **Correspondent Name:** KSJLAW, LLC Address Line 1: P.O. BOX 517

Address Line 4: WILLERNIE, MINNESOTA 55090

ATTORNEY DOCKET NUMBER:	68115-US-NP
NAME OF SUBMITTER:	LISA D. GENTRY
SIGNATURE:	/Lisa D. Gentry/
DATE SIGNED:	01/27/2015

Total Attachments: 3

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> **PATENT** REEL: 034823 FRAME: 0472 503153297

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 nu

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 SEPARATING CHLORINATED METHANES

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 a Limited Liability Company organized and existing under the laws of the State 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
61/325,562	April 19, 2010	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 Assignce 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:
this day of, 20
Effective as of April 19, 2010
Signature:
Full Name: William S. White
Residence: 8578 Oliver Ave.
Baton Rouge, Louisiana 70809
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
At:
this, 20,
Effective as of
Signature:
Full Name:
I all i tame.
Residence:
Residence:
Country:
Country: Citizenship: Germany
Country: Citizenship: Germany P.O. Address:
Country: Citizenship: Germany P.O. Address: Employed By:
Country: Citizenship: Germany P.O. Address:

() Additi-

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages

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 SEPARATING CHLORINATED METHANES

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

a Limited Liability Company organized and existing under the laws of the State 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
61/325,562	April 19, 2010	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:

\t:	At: / laque mine, LA
this day of, 20	this 14 day of Janaby , 20 2
Effective as of April 19, 2010	Effective as of April 19, 2010
Signature:	Signature: Walley 4. West
Full Name: John G. Pendergast, Jr.	Full Name: William S. White
Residence: 60 Parsley Court	Residence: 8578 Oliver Avc. 1502 Kennere Au
Lake Jackson, Texas 77566	Baton Rouge, Louisiana -70809 70808
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:	At:
this day of , 20	this day of , 20
Effective as of April 19, 2010	Effective as of
• •	
Signature:	Signature:
Full Name: Anthony R. Avilla	Full Name:
Residence: 116 Buttercup Lane	Residence:
Lake Jackson, Texas 77566	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship: Germany
P.O. Address: Same as Residence	P.O. Address:
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:

() Additional names and signatures are attached.

PATENT REEL: 034823 FRAME: 0474 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 23, 2013 and January 24, 2013, respectively

From, the ASSIGNOR: John G. Pendergast, Jr., 60 Parsley Court, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; William S. White, 1502 Kenmore Avenue Ave., Baton Rouge, Louisiana 70808, United States of America, Citizen of United States of America; and Anthony R. Avilla, 116 Buttercup Lane, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

PROCESS FOR SEPARATING CHLORINATED METHANES

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.

Signed at	Midland, Michiga	ın 48674, USA
this 9	day of	, 20 <u>/3</u>
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ie.	1	DOW GLOBAL TECHNOLOGIES LLC
COL		1 , - 1.
SEA	, i	Br. Duson M Leul
	e de la companya del companya de la companya del companya de la co	SUSAN M. ZERULL
	· ·	Authorized Representative
/ S I	NOTARIAL	CERTIFICATE (Corporation)
UNITED S	TATES OF AME	RICA)
STATE OF	MICHIGAN) SS
	ish of Midland)
On this	9 day of/	Ney , 20 /3 , personally appeared
		., Authorized Representative, individual described in and who executed the foregoing document
		e act and deed for uses and purposes therein expressed by
		ity Company under the laws of the State of Delaware, United
States of Am		.,,,
I further certi	fy that said authority,	dated June 1, 2012, is based on
A delegation	of signature authori	ty of said Limited Liability Company
the foregoing	document on behalf c cument is granted are	aid individual Authorized Representative with full power to sign of the said Limited Liability Company and that the purposes for within the scope of the objects or activities of said Limited

SEAL

RECORDED: 01/27/2015

Kathy Sue Wertz
NOTABY PUBLIC, MIDLAND COUNTY, MICHIGAN
NOT COMMISSION EXPIRES APRIL 07, 2018

PATENT

REEL: 034823 FRAME: 0475