

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3285662

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTY W. DEGROOT	10/26/2011
JAMES C. STEVENS	11/15/2011
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:	13984765
CORRESPONDENCE DATA	
Fax Number:	(651)351-2954
<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>	
Email:	jbarnes@kaganbinder.com
Correspondent Name:	KAGAN BINDER PLLC
Address Line 1:	221 MAIN STREET NORTH
Address Line 2:	SUITE 200
Address Line 4:	STILLWATER, MINNESOTA 55082
ATTORNEY DOCKET NUMBER:	DOW0039/US
NAME OF SUBMITTER:	JENNIFER BARNES
SIGNATURE:	/Jennifer Barnes/
DATE SIGNED:	03/27/2015
Total Attachments: 2	
source=DOW0039USasg#page1.tif	
source=DOW0039USasg#page2.tif	

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.
 This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.
 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: **METHODOLOGY FOR FORMING Pnictide Compositions Suitable for Use in Microelectronic Devices**

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
61/441,997	February 11, 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: Newark, Delaware 19713 USA	At: Midland, Michigan 48674 USA
this 26 th day of October, 2011	this _____ day of _____, 20 _____
Effective as of February 11, 2011	Effective as of February 11, 2011
Signature: 	Signature: _____
Full Name: Marty W. DeGroot	Full Name: James C. Stevens
Residence: 218 East Union Drive Middletown, Delaware 19709	Residence: 2026 Pecan Trail Drive Richmond, Texas 77406
Country: United States of America	Country: United States of America
Citizenship: Canada	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 February 11, 2011	Effective as of February 11, 2011
Signature: _____	Signature: _____
Full Name: _____	Full Name: _____
Residence: _____	Residence: _____
Country: _____	Country: _____
Citizenship: _____	Citizenship: _____
P.O. Address: _____	P.O. Address: _____
Employed By: _____	Employed By: _____
Of Country: _____	Of Country: _____

At: _____	At: _____
this _____ day of _____, 20 _____	this _____ day of _____, 20 _____
Effective as of February 11, 2011	Effective as of February 11, 2011
Signature: _____	Signature: _____
Full Name: _____	Full Name: _____
Residence: _____	Residence: _____
Country: _____	Country: _____
Citizenship: _____	Citizenship: _____
P.O. Address: _____	P.O. Address: _____
Employed By: _____	Employed By: _____
Of Country: _____	Of Country: _____

At: _____	At: _____
this _____ day of _____, 20 _____	this _____ day of _____, 20 _____
Effective as of February 11, 2011	Effective as of February 11, 2011
Signature: _____	Signature: _____
Full Name: _____	Full Name: _____
Residence: _____	Residence: _____
Country: _____	Country: _____
Citizenship: _____	Citizenship: _____
P.O. Address: _____	P.O. Address: _____
Employed By: _____	Employed By: _____
Of Country: _____	Of Country: _____

() Additional names and signatures are attached.

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FORM 110 (R. 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verify 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: **METHODOLOGY FOR FORMING PNICTIDE COMPOSITIONS SUITABLE FOR USE IN MICROELECTRONIC DEVICES**

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
61441997	February 11, 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>	At: <u>Midland, Michigan 48674 USA</u>
this _____ day of _____, 20____	this <u>15</u> day of <u>November</u> , 20 <u>11</u>
Effective as of February 11, 2011	Effective as of February 11, 2011
Signature: _____	Signature: <u>James C. Stevens</u>
Full Name: <u>Marty W. DeGroot</u>	Full Name: <u>James C. Stevens</u>
Residence: <u>218 East Union Drive</u> <u>Middletown, Delaware 19709</u>	Residence: <u>2026 Pecan Trail Drive</u> <u>Richmond, Texas 77406</u>
Country: <u>United States of America</u>	Country: <u>United States of America</u>
Citizenship: <u>Canada</u>	Citizenship: <u>United States of America</u>
P.O. Address: <u>Same as Residence</u>	P.O. Address: <u>Same as Residence</u>
Employed By: <u>The Dow Chemical Company</u>	Employed By: <u>The Dow Chemical Company</u>
Of Country: <u>United States of America</u>	Of Country: <u>United States of America</u>

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

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

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

() Additional names and signatures are attached.

PATENT