

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3423463

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JESUS A. ATIAS	01/09/2012
PHILIP J. CARLBERG	01/04/2012
RAVINDRA S. DIXIT	01/05/2012
ROBERT M. DRAKE	01/05/2012
DAN TIRTOWIDJOJO	01/13/2012
DAVID H. WEST	01/05/2012
WILLIAM G. WORLEY	01/13/2012
THOMAS C. YOUNG	01/13/2012
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:	14365753
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:	68798-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/

DATE SIGNED:	07/02/2015
Total Attachments: 8 source=68798_Assignment#page1.tif source=68798_Assignment#page2.tif source=68798_Assignment#page3.tif source=68798_Assignment#page4.tif source=68798_Assignment#page5.tif source=68798_Assignment#page6.tif source=68798_Assignment#page7.tif source=68798_Assignment#page8.tif	

[illegible]

FORM 660

REEL: 035968 FRAME: 0717

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: **EPOXY RESIN PRODUCTION**

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
61/577,352	December 19, 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: CALGARY, ALBERTA T2P 5H1, CAN
this 9 day of JANUARY, 20 12
Effective as of December 19, 2011
Signature: [Signature]
Full Name: Jesus A. Atias
Residence: 358 Inverness Pk
Calgary, Alberta T2Z 3P5 CALGARY
CANADA JA
Country: Canada 09/01/12
Citizenship: Venezuela
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011
Signature: _____
Full Name: Philip J. Carlberg
Residence: 427 Huckleberry Drive
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

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011
Signature: _____
Full Name: Ravindra S. Dixit
Residence: 95 Rosewood Street
Lake Jackson, Texas 77566
Country: _____
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011
Signature: _____
Full Name: Robert M. Drake
Residence: 526 Oyster Creek Drive
Richwood, Texas 77531
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

(X) Additional names and signatures are attached.

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011

Signature: _____
Full Name: Dan Tirtowidjojo
Residence: 231 Dewberry Drive
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

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011

Signature: _____
Full Name: David H. West
Residence: 5007 Maple St
Bellaire, Texas 77401
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: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011

Signature: _____
Full Name: William G. Worley
Residence: 3911 Travis Court
Missouri City, Texas 77459
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: Freeport, Texas 77541, USA
this _____ day of _____, 20 _____
Effective as of December 19, 2011

Signature: _____
Full Name: Thomas C. Young
Residence: 54 Oak Hollow Circle
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

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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: **EPOXY RESIN PRODUCTION**

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
61/577,352	December 19, 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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Subscribed and Declared by me/us:

At: _____
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Jesus A. Atias
Residence: 358 Inverness Pk
Cazlgary, Alberta T2Z 3P5
CANADA
Country: Canada
Citizenship: Venezuela
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this 4th day of January, 2012
Effective as of December 19, 2011

Signature: Philip J. Carlberg
Full Name: Philip J. Carlberg
Residence: 427 Huckleberry Drive
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

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Ravindra S. Dixit
Residence: 95 Rosewood Street
Lake Jackson, Texas 77566
Country: _____
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Robert M. Drake
Residence: 526 Oyster Creek Drive
Richwood, Texas 77531
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

(X) Additional names and signatures are attached.

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

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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: **EPOXY RESIN PRODUCTION**

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

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61/577,352	December 19, 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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Subscribed and Declared by me/us:

At: _____
 this _____ day of _____, 20____
 Effective as of December 19, 2011

Signature: _____
 Full Name: Jesus A. Atias
 Residence: 358 Inverness Pk
 Calgary, Alberta T2Z 3P5
 CANADA
 Country: Canada
 Citizenship: Venezuela
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Freeport, Texas 77541, USA
 this _____ day of _____, 20____
 Effective as of December 19, 2011

Signature: _____
 Full Name: Philip J. Carlberg
 Residence: 427 Huckleberry Drive
 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

At: Freeport, Texas 77541, USA
 this 5th day of January, 2012
 Effective as of December 19, 2011

Signature: Ravindra S. Dixit
 Full Name: Ravindra S. Dixit
 Residence: 95 Rosewood Street
 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

At: Freeport, Texas 77541, USA
 this _____ day of _____, 20____
 Effective as of December 19, 2011

Signature: _____
 Full Name: Robert M. Drake
 Residence: 526 Oyster Creek Drive
 Richwood, Texas 77531
 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

(X) Additional names and signatures are attached.

[illegible]

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Dow Global Technologies LLC
2040 Dow Center
Midland, Michigan 48674

Priority Number	Filing Date	Filing Country
61/577,352	December 19, 2011	United States of America

Subscribed and Declared by me/us:

At: _____
this _____ day of _____, 20 _____
Effective as of December 19, 2011

Signature: _____

Full Name: Jesus A. Atias

Residence: 358 Inverness Pk
Calgary, Alberta T2Z 3P5
CANADA

Country: Canada

Citizenship: Venezuela

P.O. Address: Same as Residence

Employed By: The Dow Chemical Company

Of Country: United States of America

At: _____ Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Philip J. Carlberg
Residence: 427 Huckleberry Drive
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

At: _____ Freeport, Texas 77541, USA
this _____ day of _____, 20 ____
Effective as of December 19, 2011

Signature: _____
Full Name: Ravindra S. Dixit
Residence: 95 Rosewood Street
Lake Jackson, Texas 77566
Country: _____
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this 5 day of January, 20 12
Effective as of December 19, 2011
Signature: Robert M Drake
Full Name: Robert M. Drake
Residence: 526 Oyster Creek Drive
Richwood, Texas 77531
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

REEL: 035968 FRAME: 0722

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Dan Tirtowidjojo
Residence: 231 Dewberry Drive
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

At: Freeport, Texas 77541, USA
this 5th day of January, 20 12
Effective as of December 19, 2011

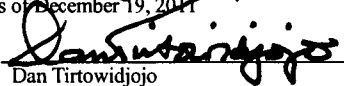
Signature: David H. West
Full Name: David H. West
Residence: 5007 Maple St
Bellaire, Texas 77401
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
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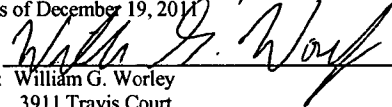
Signature: _____
Full Name: William G. Worley
Residence: 3911 Travis Court
Missouri City, Texas 77459
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

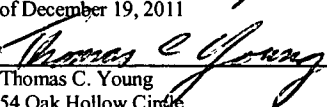
At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of December 19, 2011

Signature: _____
Full Name: Thomas C. Young
Residence: 54 Oak Hollow Circle
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

At: Freeport, Texas 77541, USA
 this 13th day of January, 20 12
 Effective as of December 19, 2011
 Signature: 
 Full Name: Dan Tirtowidjojo
 Residence: 231 Dewberry Drive
 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

At: Freeport, Texas 77541, USA
 this _____ day of _____, 20 _____
 Effective as of December 19, 2011
 Signature: _____
 Full Name: David H. West
 Residence: 5007 Maple St
 Bellaire, Texas 77401
 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: Freeport, Texas 77541, USA
 this 13th day of January, 20 12
 Effective as of December 19, 2011
 Signature: 
 Full Name: William G. Worley
 Residence: 3911 Travis Court
 Missouri City, Texas 77459
 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: Freeport, Texas 77541, USA
 this 13th day of January, 20 12
 Effective as of December 19, 2011
 Signature: 
 Full Name: Thomas C. Young
 Residence: 54 Oak Hollow Circle
 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