

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4420499

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	9
CONVEYING PARTY DATA	
Name	Execution Date
KRISHNAN R KARUNAKARAN	01/09/2012
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:	13529929
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:	989-638-4328
Email:	FGLMFRR@dow.com
Correspondent Name:	MICHELLE CHRISTILAW
Address Line 1:	2040 DOW CENTER
Address Line 4:	MIDLAND, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	71165-US-NP
NAME OF SUBMITTER:	MICHELLE CHRISTILAW
SIGNATURE:	/Michelle Christilaw/
DATE SIGNED:	05/18/2017
Total Attachments: 4	
source=71165-US-NP 20170403 Inventor to DGTL#page1.tif	
source=71165-US-NP 20170403 Inventor to DGTL#page2.tif	
source=71165-US-NP 20170403 Inventor to DGTL#page3.tif	
source=71165-US-NP 20170403 Inventor to DGTL#page4.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: **CURABLE EPOXY RESIN SYSTEMS CONTAINING MIXTURES OF AMINE HARDENERS AND AN EXCESS OF EPOXIDE GROUPS**

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
61/503,183	June 30, 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 recording of this Assignment, or a Notarized 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: Freeport, Texas 77541 USA
 this _____ day of _____, 20____
 Effective as of June 30, 2011

Signature: _____
 Full Name: Radhakrishnan Karunakaran
 Residence: 501 Deerwood Drive
 Lake Jackson, Texas 77566
 Country: United States of America
 Citizenship: India
 P.O. Address: Same as residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Freeport, Texas 77541 USA
 this 3 day of January, 2012
 Effective as of June 30, 2011

Signature: Carol L. O'Connell
 Full Name: Carol L. O'Connell
 Residence: 125 Cottenwood
 Lake Jackson, Texas 77565
 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 _____ day of _____, 20____
 Effective as of June 30, 2011

Signature: _____
 Full Name: Nikhil K. Verghese
 Residence: 305 Rosemary Lane
 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: _____
 this _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____
 Country: _____
 Citizenship: _____
 P.O. Address: _____
 Employed By: _____
 Of Country: _____

(X) Additional names and signatures are attached.

This Assignment is in the English language and has the same meaning as in the language with the same ID number and P-Date
 This Assignment is in the English language and has the same meaning as in the language with the same ID number and P-Date
 FORM 110 (R 04/07)

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

I/we verily believe I and/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 this invention entitled: **CURABLE EPOXY RESIN SYSTEMS CONTAINING MIXTURES OF AMINE HARDENERS AND AN EXCESS OF EPOXIDE GROUPS**

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
 2048 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
61/503,183	June 30, 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 recording 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: Freeport, Texas 77541 USA
 this _____ day of _____, 20____
 Effective as of June 30, 2011

Signature: _____
 Full Name: Radhakrishnan Karunakaran
 Residence: 501 Deerwood Drive
 Lake Jackson, Texas 77566
 Country: United States of America
 Citizenship: India
 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 June 30, 2011

Signature: _____
 Full Name: Carol L. O'Connell
 Residence: 125 Cottonwood
 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

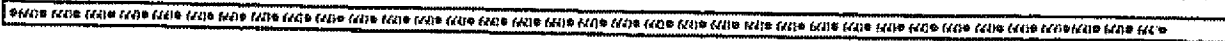
At: Freeport, Texas 77541 USA
 this 11th day of DECEMBER, 2011
 Effective as of June 30, 2011

Signature: [Signature]
 Full Name: Nikhil K. Verghese
 Residence: 305 Rosemary Lane
 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: _____
 this _____ day of _____, 20____
 Effective as of June 30, 2011

Signature: _____
 Full Name: _____
 Residence: _____
 Country: _____
 Citizenship: _____
 P.O. Address: _____
 Employed By: _____
 Of Country: _____

(X) Additional names and signatures are attached.



ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT which is dated: January 9, 2012; January 3, 2012; and December 14, 2011, respectively

From, the ASSIGNORS: Krishnan Karunakaran, residing at 2301 North Brazosport Boulevard, Building B1608, Freeport, Texas 77541, United States of America; Carol L. O'Connell, residing at 125 Cottonwood, Lake Jackson, Texas 77566, United States of America; and Nikhil E. Verghese, residing at 305 Rosemary Lane, Lake Jackson, Texas 77566, United States of America;

of the invention entitled:

CURABLE EPOXY RESIN SYSTEMS CONTAINING MIXTURES OF AMINE HARDENERS AND AN EXCESS OF EPOXIDE GROUPS


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, Michigan 48674, USA

this 21 day of October, 2016

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By: 
SUSAN M. ZERULL
Authorized Representative