PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kim L Walton	04/12/2010
Brian W Walther	03/10/2010
Robert T Johnston	02/16/2010
Jose M Rego	03/29/2010
Xiaosong Wu	02/26/2010

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:	13499862

CORRESPONDENCE DATA

Fax Number: 9792387055

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 979-238-5639

Email: schneider4@dow.com

Correspondent Name: Carla Schneider

Address Line 1: 2301 N. Brazosport Blvd.

Address Line 2: B-1463

Address Line 4: Freeport, TEXAS 77541

ATTORNEY DOCKET NUMBER:	69069-US-PCT
NAME OF SUBMITTER:	Carla Schneider
	PATENT

REEL: 031132 FRAME: 0410

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Signature:	/Carla Schneider/
Date:	09/04/2013
Total Attachments: 9 source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As source=69069-US-PCT_20130904_JAC_As	signments#page2.tif signments#page3.tif signments#page4.tif signments#page5.tif signments#page6.tif signments#page7.tif signments#page8.tif

Freeport, Texas 77541, USA

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: BLOCK COMPOSITIONS IN THERMOPLASTIC VULCANIZATE APPLICATIONS

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 Inc. 2040 Dow Center Midland, Michigan 48674 United States of America

a corporation 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
61/248,147	October 02, 2009	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.

At:

Subscribed and Declared by me/us:

At:

this 12^{44} day of 406 , 20	this 10 day of 110
Effective as of October 02, 2009	Effective as of October 02, 2009
Signature: Unt-Welter	Signature: Brian (V.
Full Name: Kim L. Waiton	Full Name: Brian W. Walther
Residence: 219 Huckleberry Drive	Residence: 309 Williamsburg
Lake Jackson, Texas 77566	Clute, Texas 77531
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 Cor
Of Country: United States of America	Of Country: United States of America
	,
At: Freeport, Texas 77541, USA	At: Ereeport, Texas 775
this 16 day of Fabruary , 20 10	this 29 day of Mocci
Effective as of October 02, 2009	Effective as of October 02, 2009
Signature: Robert F. Johnston	Signature:
Full Name: Robert T. Johnston	Full Name: Jose M Read

npany 41. USA 20 (0

Freeport, Texas 77541, USA

Residence: 6102 Durangd Bay Houston, Texas 77041 Country: United States of America Citizenship: Spain 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.

Residence: 117 Fawn Trail

Country: United States of America

P.O. Address: Same as Residence

Citizenship: United States of America

Of Country: United States of America

Employed By: The Dow Chemical Company

Lake Jackson, Texas 77566

At: Freeport, Texas 77541, USA	At:
this 26 day of February, 20 0	this day of , 20
Effective as of October 02, 2009	Effective as of
Signature:	Signature:
Full Name: Xiaosong Wu	Full Name:
Residence: 11200 Broadway #4309	Residence:
Pearland, Texas 77584	
Country: United States of America	Country:
Citizenship: People's Republic of China	Citizenship:
P.O. Address: Same as residence	P.O. Address: Same as residence
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:

FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)
On this 12th day of	April , 20 /0 , personally appeared before me,
	ndividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.
SEAL	Monice Rulos
MONICA RUBIO Notary Public, State of Texas My Commission Expires December 12, 2013	
NOTARI	AL CERTIFICATE (Individual)
UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)
On this 10th day of 1	arch, 20 10, personally appeared before me,
	ndividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.
SEAL	Monice Rubs
MONICA RUBIO Notary Public, State of Texas My Commission Expires December 12, 2013	
NOTARI	AL CERTIFICATE (Individual)
UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)
On this 16th day of 1el	Robert T. Johnston
	adividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.
MONICA RUBIO Notary Public, State of Texas My Commission Expires December 12, 2013	Monina Rules

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMER STATE OF TEXAS County/Parish of Brazoria	ICA)) SS	
	March	, 20 <u>,</u> personally appeared before me,
	Jose N	1. Rego
		ribed in and who executed the foregoing document for uses and purposes therein expressed.
SEAL		Monica Rubs
MONICA RUBIO Notary Public, State of Texas My Commission Expires December 12, 2013		
NOT	rarial certi	FICATE (Individual)
UNITED STATES OF AMER STATE OF TEXAS County/Parish of Brazoria	, 66	
On this _ 21th day of	February	, 20 <u>10</u> , personally appeared before me,
	Xiaoso	ong Wu
known or identified to me to be	the individual descr	ribed in and who executed the foregoing document for uses and purposes therein expressed.
SEAL		Monice Kubs
MONICA RUBIO Notary Public, State of Texas My Commission Expires My Commission 2013		

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 INC.

2040 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: February 16, 2010, February 26, 2010, March 10, 2010, March 29, 2010 and April 12, 2010; effective as of October 2, 2009

From, the ASSIGNOR: Kim L. Walton, 219 Huckleberry Drive, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Brian W. Walther, 309 Williamsburg, Clute, Texas 77531, United States of America, Citizen of United States of America; Robert T. Johnston, 117 Fawn Trail, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Jose M. Rego, 6102 Durango Bay, Houston, Texas 77041, United States of America, Citizen of Spain; and Xiaosong Wu, 11200 Broadway #4309, Pearland, Texas 77584, United States of America, Citizen of People's Republic of China

of the invention entitled:

BLOCK COMPOSITIONS IN THERMOPLASTIC VULCANIZATE APPLICATIONS

Midland, Michigan 48674, USA

A delegation of signature authority of said Corporation

scope of the objects or activities of said corporation.

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.

this 12 day of $April$, 20 10
DOW GLOBAL TECHNOLOGIES INC. SEAL By: John B. Treangen Authorized Representative
NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this
I further certify that said authority, dated July 31, 2009, is based on

SEAL

NOTARY PUBLIC

which I have seen, appointing the said individual with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

PATENT

REEL: 031132 FRAME: 0416



PAGE 2

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND

CORRECT COPY OF CERTIFICATE OF FORMATION OF "DOW GLOBAL

TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY

OF DECEMber, A.D. 2010, AT 10:40 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online at corp.delaware.gov/authver.shtml

AUTHENT (CATION: 8457755

DATE: 12-29-10

P.2/3

State of Delaware Secretary of State Division of Corporations Delivered 10:40 AM 12/23/2010 FILED 10:40 AM 12/23/2010 SRV 101227862 - 2332072 FILE

Certificate of Formation

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Dow Global Technologies I.I.C

This Certificate of Formation of Dow Global Technologies LLC has been duly executed and is being filed by Noreen D. Warrick, as an authorized representative, to form a limited liability company under the Delaware Limited Liability Company Act (6 <u>Del.C.\$18-101</u>, <u>ct seq.</u>).

1. The name of the limited liability company is:

Dow Global Technologies LLC

- 2. The address of the limited liability company's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the limited liability company's registered agent for service of process in the State of Delaware at such address is the Corporation Trust Company.
- The effective date for the formation of this limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Dow Global Technologies LLC this 23 day of December, 2010.

Norcen D. Warrick Authorized Representative

Moreem Drannick

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND

CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE

CORPORATION UNDER THE NAME OF "DOW GLOBAL TECHNOLOGIES INC." TO

A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM

"DOW GLOBAL TECHNOLOGIES INC." TO "DOW GLOBAL TECHNOLOGIES LLC",

FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D.

2010, AT 10:40 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online at corp.delaware.gov/authver.shtml

AUTHENTY CATION: 8457755

DATE: 12-29-10

State of Delaware Secretary of State Division of Corporations Delivered 10:40 AM 12/23/2010 FILED 10:40 AM 12/23/2010 SRV 101227862 - 2332072 FILE

Certificate of Conversion
of
Dow Global Technologies Inc.
(a Delaware corporation)
to
Dow Global Technologies LLC
(a Delaware timited liability company)

Pursuant to Section 18-214 of the Limited Liability Company Act

Dow Global Technologies Inc., a Delaware corporation (the "Corporation"), files this Certificate of Conversion (the "Certificate") and hereby certifies the following:

- 1. The jurisdiction where the Corporation was first formed is Delaware.
- 2. The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3. The date the Corporation was first formed is April 6, 1993.
- 4. The name of the Corporation immediately prior to filing this Certificate is Dow Global Technologies Inc.
- The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.
- 6. The future effective date of the conversion to a limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 23 day of December, 2010.

Dow Global Technologies Inc.

Name: Noreen D. Warrick

Title: Secretary

PATENT REEL: 031132 FRAME: 0420

RECORDED: 09/04/2013