

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5338576

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUSHAN HU	12/17/2014
KIM L. WALTON	12/17/2014
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:	15532630
CORRESPONDENCE DATA	
Fax Number:	(860)286-0115
<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:	8602862929
Email:	sproux@cantorcolburn.com, usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP
Address Line 1:	20 CHURCH STREET
Address Line 2:	22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	76335-US-PCT(DC170001US2)
NAME OF SUBMITTER:	DAVID E. RODRIGUES
SIGNATURE:	/David E. Rodrigues/
DATE SIGNED:	01/23/2019
Total Attachments: 3	
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source=7TW2016#page2.tif	
source=7TW2016#page3.tif	

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Freeport, Texas 77541, USA

this 30th day of March 2017

Delane Elliott

Delane Elliott
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF **TEXAS**) SS
County/Parish of **Brazoria**)

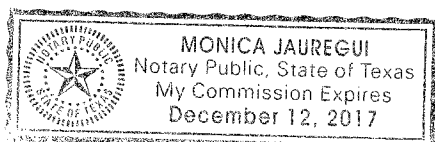
On this 30th day of March 2017, personally
appeared before me,

Delane Elliott

known or identified to me to be the individual who executed the foregoing document
and acknowledged the same as a free act and deed for uses and purposes therein
expressed.

SEAL

Monica Jauregui
Notary Public



This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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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 which is dated: December 17, 2014; with an effective date as of
 December 2, 2014

From, the ASSIGNOR: Yushan Hu, 11311 Palm Bay Street, Pearland, Texas 77584, United States
 of America, Citizen of United States of America and Kim L. Walton, 219 Huckleberry Drive, Lake
 Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

**DYNAMIC VULCANIZATION OF A BLEND COMPOSITION, METHODS OF
 MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**

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 18 day of December, 20 14

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By: Susan M Zerull

SUSAN M. ZERULL

Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
 STATE OF MICHIGAN) SS
 County/Parish of Midland)

On this 18 day of December, 20 14, personally appeared
 before me, **SUSAN M. ZERULL, Authorized Representative**,
 known or identified to me to be the individual described in and who executed the foregoing document
 and acknowledged the same as a free act and deed for uses and purposes therein expressed by
 authority of the said entity organized and existing under the laws of the **State of Delaware, United
 States of America**.

I further certify that said authority, dated **June 1, 2014**, is based on

A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign
 the foregoing document on behalf of the said entity and that the purposes for which said document is
 granted are within the scope of the objects or activities of said entity.

SEAL

[Signature]

Kathy Sue Wertz
 Kathy Sue Wertz
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES APRIL 07, 2018

PATENT

REEL: 048110 FRAME: 0158

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

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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: **DYNAMIC VULCANIZATION OF A BLEND COMPOSITION, METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**

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

an entity organized and existing under the laws of the state of **Delaware**, United States of America (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
62/086,354	December 2, 2014	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: Freeport, Texas 77541 USA
this 17 day of December, 20 14
Effective as of December 2, 2014
Signature: [Signature]
Full Name: Yushan Hu
Residence: 11311 Palm Bay Street
Pearland, Texas 77584
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 17th day of December, 20 14
Effective as of December 2, 2014
Signature: [Signature]
Full Name: Kim L. Walton
Residence: 219 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: _____
this _____ day of _____, 20 _____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

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

PATENT

RECORDED: 01/23/2019

REEL: 048110 FRAME: 0159