502629137 01/10/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2675745

Stylesheet version t	/ 1.Z				
SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA	,			
N			lame	Execution Date	
THE DOW CHEMICAL COMPANY				10/30/2006	
RECEIVING PARTY D)ATA				
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: 138		13867	57171		
CORRESPONDENCE DATA					
Fax Number:		9)238-7			
Phone: 9792381647 Email: burr@dow.com					
Correspondence will be sent via US Mail when the email attempt is unsuccessful.					
Correspondent Name: LAUREN BURR					
Address Line 1: 2301 NORTH BRAZOSPORT BOULEVARD					
Address Line 4:	FRE	EEPOR	T, TEXAS 77541		
ATTORNEY DOCKET NUMBER:			64742A-US-CNT		
NAME OF SUBMITTER:			LAUREN BURR		
Signature:			/Lauren Burr/		
Date:			01/10/2014		

Total Attachments: 7

502629137

source=64742 US 20080429 TDCC to DGTL Assignment#page1.tif source=64742 US 20080429 TDCC to DGTL Assignment#page2.tif source=64742 US 20080429 TDCC to DGTL Assignment#page3.tif source=64742 US 20080429 TDCC to DGTL Assignment#page4.tif source=64742 US 20080429 TDCC to DGTL Assignment#page5.tif source=64742 US 20080429 TDCC to DGTL Assignment#page6.tif source=64742 US 20080429 TDCC to DGTL Assignment#page7.tif

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment, 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number. FORM, 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Dale M. Elley-Bristow, 865 Tudor Close East, Sarnia, ON N7V 2Z8, Canada

of an invention relating to and entitled:

HIGH-DENSITY POLYETHYLENE COMPOSITIONS AND METHOD OF MAKING THE SAME

We do hereby declare, for good and valuable consideration effective as of May 2, 2006 received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title
and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its
own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute
application and any corresponding applications in any and all countries, including all rights to claim priority under all
International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
Priority Number 60/796,809 and Filing Date May 2, 2006
in the United States of America
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in
any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any
interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to
execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other
countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and
we do hereby authorize said Assignee to insert here the
Corresponding Application Noand Filing Date
in .
of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at Midland, Michigan 48674, USA
this 30 day of October 2006
THE DOW CHEMICAL COMPANY
CORP. SEAL By: Wichool & Herra
MICHAEL L. GLENN
Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

◆550 ◆ 550

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this
I further certify that said authority, dated February 9, 2006, is based on
A Resolution of the Board of Directors of the said Corporation,
which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document i granted are within the scope of the objects or activities of said corporation.
SEAL Notary Public
Ann Heritier Notary Public, Bay County, Michigan

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

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. **Washington Street** 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA hereby accept the ASSIGNMENT attached hereto which is dated: October 30, 2006 From, the ASSIGNOR: THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA of the invention entitled: HIGH-DENSITY POLYETHYLENE COMPOSITIONS AND METHOD OF MAKING 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. Midland, Michigan 48674, USA DOW GLOBAL TECHNOLOGIES INC. CORP. SEAL Authorized Representative NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA STATE OF MICHIGAN) SS County/Parish of Midland On this 30 day of October __, 20<u>06___</u>, personally appeared before me, JOHN B. TREANGEN, 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 corporation incorporated under the laws of the State of Delaware, United States of America. I further certify that said authority, dated August 9, 2005, is based on A delegation of signature authority of the said Corporation, which I have seen, appointing the said individual Attorney-in-fact 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 scope of the objects or activities of said corporation. SEAL

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County

My Commission Expires December 03, 20 ATENT

REEL: 031935 FRAME: 0807



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

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

at

Dow Global Technologies LLC

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

Moreempriarrick

Delaware

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 limited 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.
- The jurisdiction immediately prior to filing this Certificate is Delaware.
- 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.
- 5. 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.

Hy: <u>Moreen D. Warrick</u>
Name: Noreen D. Warrick

Title: Secretary

PATENT REEL: 031935 FRAME: 0811

RECORDED: 01/10/2014