### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SSIGNMENT

**ASSIGNMENT NATURE OF CONVEYANCE:** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
Union Carbide Chemicals & Plastics Technology LLC	01/09/2009

#### **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:	13056291

#### **CORRESPONDENCE DATA**

Fax Number: (979)238-0878

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

Email: burr@dow.com Correspondent Name: Lauren P. Burr

Address Line 1: 2301 N. Brazosport Blvd. Address Line 4: Freeport, TEXAS 77541

ATTORNEY DOCKET NUMBER:	67511A-US-PCT

NAME OF SUBMITTER: Lauren P. Burr

#### **Total Attachments: 7**

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source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page1.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page2.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page3.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page4.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page5.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page6.tif source=67511-US-PCT DRH 20110609 Union Carbide Chemcials to DGTL#page7.tif

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) and

## INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

UNION CARBIDE CHEMICALS & PLASTICS

TECHNOLOGY LLC 2020 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):

Geoffrey D. Brown, 464 Peterpar Road, Bridgewaterr, New Jersey 08807, UNITED STATES OF AMERICA, Citizen of United States of America; Robert F. Eaton, 67 Mill Pond Road, Belle Mead, New Jersey 08502, UNITED STATES OF AMERICA, Citizen of United States of America; and Manish Mundra, 38 Oswestry Way. Somerset, New Jersey 08873. UNITED STATES OF AMERICA, Citizen of India

by an Assignment dated: October 16, 2008 of an invention relating to and entitled:

## FLAME RETARDANT POLYURETHANE COMPOSITION

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

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, 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, Filing Date, and Filing Country

Priority Number	Filing Date	1-11
	**************************************	Filing Country
	July 30, 2008	
		International

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 Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country	
		Tang Count	

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, Michig	an 48674, USA	
this $q$ day of $\sqrt{a}$	<u> 1974 , 20</u>	_09_	
	. /		

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC

CORP

SEAL.

CHARLES J. MAURER III

Secretary

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same neuring in other failguages with the same 550 sumber FORM 550.

# NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )
STATE OF MICHIGAN ) SS
County/Parish of Midland
On this day of, 20, personally appeared before me, CHARLES J. MAURER III, Secretary, 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 December 31, 2007, is based on

Authorization Policy of said Limited Liability Company

which I have seen, appointing the said individual Secretary 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

Jane M. Neitzel NOTARY PUBLIC BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY MICHIGAN MY COMMISSION ETRIPES SERTEMBER 26, 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:

January 9, 2009

From, the ASSIGNOR:

UNION CARBIDE CHEMICALS & PLASTICS

TECHNOLOGY LLC 2020 Dow Center

Midland, Michigan 48674 UNITED STATES OF AMERICA

of the invention entitled:

States of America.

## FLAME RETARDANT POLYURETHANE COMPOSITION

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	_day of <u>Generally</u> , 2009
CODE	DOW GLOBAL TECHNOLOGIES INC.
CORE Seal	By: Aus Kany
	JOHN B. TREANGEN  Authorized Representative
N	OTARIAL CERTIFICATE (Corporation)
	ATES OF AMERICA )
STATE OF N	MICHIGAN SS
County/Paris	h of Midland )
On this	aday of <u>January</u> , 20 09, personally appeared
ociore me, je	JHN B. TREANGEN, Authorized Representative.
know <b>n</b> or identi and acknowledg	fied to me to be the individual described in and who executed the foregoing document ged the same as a free act and deed for uses and purposes therein expressed by

I further certify that said authority, dated August 30, 2007, is based on

## A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative 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.

authority of the said Corporation incorporated under the laws of the State of Delaware, United

Kathy Sue Wertz

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



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: 026421 FRAME: 0802

RECORDED: 06/10/2011