#### 501901768 04/26/2012

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Union Carbide Chemicals & Plastics Technology LLC	10/17/2008

#### 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:	12211583

#### **CORRESPONDENCE DATA**

 Fax Number:
 (989)636-3237

 Phone:
 9896361555

Email: ajlanphierd@dow.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Amy J Lanphierd
Address Line 1: 2040 Dow Center

Address Line 4: Midland, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	64911A US NP
NAME OF SUBMITTER:	Amy J Lanphierd

#### Total Attachments: 7

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PATENT REEL: 028113 FRAME: 0110 CH \$40.00 122115

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

# ASSIGNMENT

(with Priority Rights)

and

# INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC (FORMERLY UNION CARBIDE CHEMICALS & PLASTICS

TECHNOLOGY CORPORATION)

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):

Thomas C. Eisenschmid, 5407 Tiffany Drive, Cross Lanes, West Virginia 25313, UNITED STATES OF AMERICA, Citizen of United States of America

by an Assignment dated: September 17, 2008 of an invention relating to and entitled:

#### FUNCTIONALIZED LONG-CHAIN OLEFIN MIXTURES AND USES THEREFOR

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	Filing Country
60/974,604	September 24, 2007	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 Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country

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	<b>\</b>
this day of	tober , 20 08	

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC (FORMERLY UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION)

CORP SEAL

CHARLES J. MAURER III

SECRETARY

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 FORM: 550

# NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA	)
STATE OF MICHIGAN	) SS
County/Parish of MIDLAND	)
before me, CHARLES J. MAURER III,	Secretary,  20 08, personally appeared Secretary,

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 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 JOENL M. Netzy

Jane M. Neitzel

NOTARY PUBLIC. BAY COUNTY, MICHIGAN

ACTING IN VIDENO COUNTY, MICHIGAN

MY COMMISSION ELPIRES SEPTEMBER 28, 2013

© 050 € 050

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: September 17, 2008

From, the ASSIGNOR:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC (FORMERLY UNION CARBIDE CHEMICALS & PLASTICS

**TECHNOLOGY CORPORATION)** 

2020 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

States of America.

#### FUNCTIONALIZED LONG-CHAIN OLEFIN MIXTURES AND USES THEREFOR

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, US	SA	
thisi	1 day of October	, 20 <u>08</u>	<u> </u>
COI SEA	RP. AL By: John	DBAL TECHNOLOG L. TWAN B. TREANGEN rized Representative	GIES INC.
]	NOTARIAL CERTI	IFICATE (C	orporation)
STATE OF	STATES OF AMERICA ) F MICHIGAN ) S rish of MIDLAND )	SS	
before me, known or idea and acknowle	JOHN B. TREANGEN, Authorize  The property of the same as a free act and december the same as a free act and december the said Corporation incorporated up to the said Corporated up to the s	zed Representative, escribed in and who ex ed for uses and purpos	xecuted the foregoing documents 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.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN NY COMMISSION EXP RES APRIL 07, 2012



PACE :

# 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

AUTHENTY CATION: 8457755

DATE: 12-29-10

9096389393

To: Fax Server

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

al

# 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>).

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.

Noteen D. Warrick

Authorized Representative

Moreen Drawick



PACE

# The First State

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

DELAWARE DO HERBY 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

AUTHENTICATION: 8457755

DATE: 12-29-10

23-DEC-2010 11:32 From: DOW CHEMICAL

9696389393

To: Fax Server

P.3/3

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 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 Delawate.
- 2. 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.
- The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.
- 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: 028113 FRAME: 0117

RECORDED: 04/26/2012