Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

PATENT ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Union Carbide Chemicals & Plastics Technology Corporation	03/23/2004

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:	12856928

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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

Phone: 989-636-0960

Email: plkipfmiller@dow.com

Correspondent Name: Pattie Kipfmiller

Address Line 1: The Dow Chemical Company

Address Line 2: 2040 Dow Center

Address Line 4: Midland, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	62212A US PCD
NAME OF SUBMITTER:	Pattie Kipfmiller

Total Attachments: 7

source=62212A US PCD 20110218 SDS UCC to DGTL Assignment#page1.tif source=62212A US PCD 20110218 SDS UCC to DGTL Assignment#page2.tif source=62212A US PCD 20110218 SDS UCC to DGTL Assignment#page3.tif source=62212A US PCD 20110218 SDS UCC to DGTL Assignment#page4.tif

PATENT REEL: 025833 FRAME: 0576 CH \$40.00

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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 CORPORATION

39 Old Ridgebury Road

Danbury, Connecticut 06817-0001 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,

Arnold C. Ashcraft, 838 Perrineville Road, Perrineville, New Jersey 08535, United States of America

of an invention relating to and entitled:

IMPROVED COMPOSITION AND METHOD FOR REMOVAL OF CARBONYL SULFIDE FROM ACID GAS CONTAINING SAME

We do hereby declare, for good and valuable consideration, effective as of March 11, 2004, 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, Uniterest throughout the world, in and to the invention and all rights and powers to or in the name of its nominee; and all rights and powers to file any reissue, division corresponding applications in any and all countries, including all rights to claim processes in the name of said Assignee, and do hereby authorize said Assignee to in	nake application for Letters Patent in its own name, hal, continuing or substitute application and any iority under all International Conventions and
Priority Number 60/456,354 and Filing Date March 21,	
in the United States of America	
of the application on which the priority will be based; and in and to any Letters Pa all countries; and we do hereby agree to assist said Assignee in the prosecution of conflict, opposition or litigation which may arise involving said invention or the p. divisional, continuing or substitute application and assent to their making any app above and below specifically identified application, as may be requested by said A to insert here the	he said applications and in any interference, stent or patents thereon, and to execute any reissue, lications in other countries corresponding to the ssignee; and we do hereby authorize said Assignee
Corresponding Application Noand Filing Date	
in of the corresponding application in any country where that patent property must be	
hereby authorize and request that any such Letters Patent be issued to said Assign recordal of this Assignment being under covenant, not only that we have full powerights are not encumbered by any grant, license, or other right heretofore given.	e in accordance herewith, and consent to the
Subscribed and Sworn by us at Midland, Michigan 486	74, USA
this 23 day of March, 2004	
UNION CARBIDE CHEMICALS & PLAS	TICS TECHNOLOGY CORPORATION
CORP. SEAL By: lighter	Mainer
CHARLES J. MAUR	ER 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)
On this 33 day of Mulli, 2004, 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 State of America.
I further certify that said authority, dated September 17, 2001, is based on
an Authorization Policy 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 Motary Public Ann Heritier

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

●660 ● 660

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: March 23, 2004

From, the ASSIGNOR:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

39 Old Ridgebury Road

Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA

of the invention entitled:

IMPROVED COMPOSITION AND METHOD FOR REMOVAL OF CARBONYL SULFIDE FROM ACID GAS CONTAINING 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 <u>24</u>	day of March, 2004
	DOW GLOBAL TECHNOLOGIES INC.
CORP	
SEAL	By: Phys Stall
	PHILIP D. SHEPHERD
	President

NOTARIAL CERTIFICATE (Corporation)

(o - k - c - c - c - c - c - c - c - c - c
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS
County/Parish of Midland On this 24 day of Mach, personally appeared
before me, PHILIP D. SHEPHERD, President,
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 State of America.
I further certify that said authority, dated February 11, 2002, is based on
an Authorization Policy 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.

Notary Public

SEAL

Ann Heritier

Notary Public, Bay County, Michigan Midland County

Acting in Midland County

Acting in Midland County Ask My Commission REFL 0-025833 & FRAME: 0580

Delaware

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

of

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.</u>§18-101, <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.
- 3. 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.

Noreen D. Warrick

Authorized Representative

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

AUTHENT (CATION: 8457755

DATE: 12-29-10

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 Dow Global Technologies Inc. (a Delaware corporation) 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:

- The jurisdiction where the Corporation was first formed is Delawate. 1.
- The jurisdiction immediately prior to filing this Certificate is Delaware. 2.
- 3. The date the Corporation was first formed is April 6, 1993.
- 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: 025833 FRAME: 0584

RECORDED: 02/18/2011