

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	02/14/2011
RECEIVING PARTY DATA	
Name:	The Dow Chemical Company
Street Address:	2030 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11710010
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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:	63802C CIP1
NAME OF SUBMITTER:	Pattie Kipfmiller
Total Attachments: 3 source=63802C US CIP1 20110214 JRP UCC to TDCC Assignment#page1.tif source=63802C US CIP1 20110214 JRP UCC to TDCC Assignment#page2.tif source=63802C US CIP1 20110214 JRP UCC to TDCC Assignment#page3.tif	

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PATENT
REEL: 025804 FRAME: 0043

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

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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 Limited Liability Company organized and existing under the laws of **Delaware** 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):

Jeffrey G. Hippler, 1124 Ivywood Lane, South Charleston, West Virginia 25309-1708, United States of America

by an Assignment dated: **August 2, 2007** of an invention relating to and entitled:

A PROCESS FOR THE CONVERSION OF A CRUDE GLYCEROL, CRUDE MIXTURES OF NATURALLY DERIVED MULTICOMPONENT ALIPHATIC HYDROCARBONS OR ESTERS THEREOF TO A CHLOROHYDRIN

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

WE, the ASSIGNEE: **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** 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 11/710,010 and Filing Date February 22, 2007 in 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 No. _____ and 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, U.S.A.

this 14 day of February 2011

**UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY LLC**

By: Charles J. Maurer III
CHARLES J. MAURER III
 Secretary

CORP.
SEAL

Attach Notarial Certificate (Corporation)

PATENT
REEL: 025804 FRAME: 0044

[illegible]

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

[illegible]

FORM 660

REEL: 025804 FRAME: 0046