

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4226910

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	3
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE DOW CHEMICAL COMPANY	07/01/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOW GLOBAL TECHNOLOGIES LLC
<b>Street Address:</b>	2040 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13825733
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(989)636-3237
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	9896368537
<b>Email:</b>	FGLMFRR@DOW.COM
<b>Correspondent Name:</b>	KRISTIE ELLISON
<b>Address Line 1:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	70270-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTIE ELLISON
<b>SIGNATURE:</b>	/Kristie Ellison/
<b>DATE SIGNED:</b>	01/16/2017
<b>Total Attachments: 3</b>	
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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



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FORM 440

# ASSIGNMENT

(with Priority Rights)  
and  
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):

Roland Adden, Hermann-Loens-Str. 2, 29664 Walsrode, Germany, Citizen of Germany; Matthias Knarr, Grosse Drakenburger Strasse 36, 31582 Nienburg, Germany, Citizen of Germany; Roland Bayer, Hannoversche Str. 6, 29664 Walsrode, Germany, Citizen of Germany; and Meinolf Brackhagen, Beckersberg 3, 29664 Walsrod, Germany, Citizen of Germany

by an Assignment dated: of an invention relating to and entitled:

**NOVEL CELLULOSE ETHERS AND THEIR USE**

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

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**  
2040 Dow Center  
Midland, Michigan 48674  
United States of America

A Limited Liability Company 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
61/392,083	October 12, 2010	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  
this 1st day of July, 20 11

CORP.  
SEAL.

THE DOW CHEMICAL COMPANY

By: D.P. Frickey  
**DARRYL P. FRICKEY**  
Assistant General Counsel - IP Law

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.



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FORM 550

**NOTARIAL CERTIFICATE (Corporation)**

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 1st day of July, 2011, personally appeared before me, **DARRYL P. FRICKEY**, 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 April 6, 2011, is based on  
**a Certified Resolution**

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.

*Rebecca Sue Hollingshead*  
NOTARY PUBLIC, MICHIGAN COUNTY, MICHIGAN  
MY COMMISSION EXPIRES NOVEMBER 25, 2012

SEAL