

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4411802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOW CHEMICAL CANADA ULC	11/20/2014
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:	15514272
CORRESPONDENCE DATA	
Fax Number:	(937)449-6405
<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>	
Phone:	937-449-6423
Email:	brooklyn.hess@dinsmore.com
Correspondent Name:	DINSMORE & SHOHL LLP
Address Line 1:	FIFTH THIRD CENTER
Address Line 2:	ONE SOUTH MAIN STREET, SUITE 1300
Address Line 4:	DAYTON, OHIO 45402
ATTORNEY DOCKET NUMBER:	75988-US-PCT/DOW75988PA
NAME OF SUBMITTER:	BROOKLYN L. HESS
SIGNATURE:	/Brooklyn L. Hess/
DATE SIGNED:	05/12/2017
Total Attachments: 3	
source=75988 Company to Company#page1.tif	
source=75988 Company to Company#page2.tif	
source=75988 Company to Company#page3.tif	

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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 LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT which is dated: November 20, 2014 ;
effective as of September 30, 2014

From, the ASSIGNOR:
DOW CHEMICAL CANADA ULC
Suite 2100, 450 - 1st Street SW
Calgary, Alberta T2P 5H1
Canada

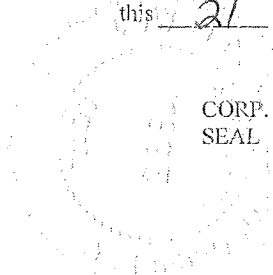
of the invention entitled:

PROCESS FOR INCREASING ETHYLENE AND PROPYLENE YIELD FROM A PROPYLENE PLANT

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 21 day of November, 20 14



DOW GLOBAL TECHNOLOGIES LLC

By: Susan M Zerull
SUSAN M. ZERULL
Authorized Representative

CORP.
SEAL

NOTARIAL CERTIFICATE

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

On this 21 day of November, 20 14, personally appeared
before me, **SUSAN M. ZERULL, 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 entity organized and existing under the laws of **the State of Delaware, United
States of America.**

I further certify that said authority, dated **June 1, 2014**, is based on

A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign
the foregoing document on behalf of the said entity and that the purposes for which said document is
granted are within the scope of the objects or activities of said entity.

SEAL

Kathy Sue Wertz
NOTARY PUBLIC
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

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



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: **DOW CHEMICAL CANADA ULC**
Suite 2100, 450 - 1st Street SW
Calgary, Alberta T2P 5H1
Canada

an entity organized and existing under the laws of **CANADA** 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):
 Martin A. Cogswell, 6723 Pheasant Lane RR 1, Camlachie, Ontario N0N 1E0, Canada, Citizen of Canada
 by an Assignment dated: October 20, 2014 of an invention relating to and entitled:

**PROCESS FOR INCREASING ETHYLENE AND PROPYLENE YIELD FROM A
 PROPYLENE PLANT**

We do hereby declare, for good and valuable consideration effective as of September 30, 2014, received, sell, assign, and transfer unto:

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

an entity 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
62/057,952	September 30, 2014	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 20 day of November, 20 14

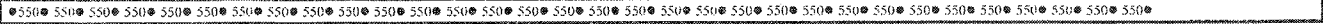
CORP
SEAL

DOW CHEMICAL CANADA ULC

By: 
DARRYL P. FRICKEY
 Authorized Representative

Attach Notarial Certificate

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



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

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

On this 20 day of November, 2014, 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 entity organized and existing under the laws of **CANADA**.

I further certify that said authority, dated **March 18, 2011**, is based on

by authority of a Power of Attorney

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

NOTARY PUBLIC

Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018