# 504365084 05/12/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4411776

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ТА				
		Name	Execution Date		
MARTIN A. COGSWELL			10/20/2014		
RECEIVING PARTY DAT	Ά				
Name:	DOW C	HEMICAL CANADA ULC			
Street Address:	SUITE	2100, 450 - 1ST STREET SW			
City:	CALGARY, ALBERTA				
State/Country:	CANAE	A			
Postal Code:	T2P 5H	1			
PROPERTY NUMBERS T	fotal: 1				
Property Type		Number			
Application Number:		15514272			
CORRESPONDENCE DA					
Fax Number:		(937)449-6405			
		) the e-mail address first; if that is ( l: if that is unsuccessful. it will be :			
using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail. Phone: 937-449-6400					
		brooklyn.hess@dinsmore.com	lyn.hess@dinsmore.com		
		DINSMORE & SHOHL LLP	MORE & SHOHL LLP		
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ATTORNEY DOCKET NUMBER:		75988-US-PCT/DOW75988PA	75988-US-PCT/DOW75988PA		
NAME OF SUBMITTER:		BROOKLYN L. HESS	BROOKLYN L. HESS		
SIGNATURE:		/Brooklyn L. Hess/	/Brooklyn L. Hess/		
DATE SIGNED:		05/12/2017	05/12/2017		
Total Attachments: 2		1			
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CASE NO. 75988-US-PSP mr

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

• 660 • 660

FORM 660

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

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

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

From, the ASSIGNOR: Martin A. Cogswell, 6723 Pheasant Lane RR 1, Camlachie, Ontario N0N 1EO, Canada, Citizen of 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 20	day of November,	20 14

CORP. SEAL

DOW CHEMICAL CANADA ULC  $B_{Y}$ : DARRYL P. FRICKEY

Authorized Representative

## NOTARIAL CERTIFICATE

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

) SS )

On this <u>20</u> day of <u>Movember</u>, 20<u>14</u>, 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.

Kathy Sue Wertz

NOTARY FUELIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

SEAL

PATENT REEL: 042356 FRAME: 0134 FORM 110 (R 5/97)

### INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: PROCESS FOR INCREASING ETHYLENE AND PROPYLENE YIELD FROM A PROPYLENE PLANT

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow	Chem	ical (	lana	da Ul	LC
Suite	2100,	450 -	1st S	street	SW
Calga	uy, Al	berta	T2P	5H1	
CAN	ADA				

an entity organized and existing under the laws of **Canada** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee 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 claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to iranslate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/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 Declared by me/us:

AL CAMUSCHIE ONTARIO	At:
this 20 day of OCTOBER, 20 14	this day of , 20
Effective as of September 30, 2014	
Signature: <u>Marbin</u> <u>A. Gestracop</u> Full Name: Martin A. Cogswell Residence: 6723 Pheasant Lane RR 1 Camlachie, Ontario NON IEO CANADA	Signature: Full Name: Residence:
Country: Canada	Country:
Citizenship: Canada	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: Dow Chemical Canada ULC*	Employed By:
Of Country: Canada	
*At the time the invention was made.	Of Country:
	At:
At:	this day of .20
ums, 20, 20	
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country: