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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2678890

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PART	/ DATA				
1			Name	Execution Date	
THE DOW CHEMICAL COMPANY				01/20/2010	
RECEIVING PARTY	DATA				
Name: DOW TECHNOLOGY INVESTMENTS LLC					
Street Address:	2020 DOW C	ENTER			
City:	MIDLAND				
State/Country:	MICHIGAN				
Postal Code:	48674				
Application Number		135174	Number 419		
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PATENT REEL: 031952 FRAME: 0602

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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)

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):

Thomas C. Eisenschmid, 5407 Tiffany Drive, Cross Lanes, West Virginia 25313, United States of America; Jeffrey S. Sawrey, 15 Heywood Road, Westford, Massachusetts 01886, United States of America; Glenn A. Miller, 2515 Woodland Avenue, South Charleston, West Virginia 25303, United States of America; Michael A. Brammer, 53 Southernwood Court, Lake Jackson, Texas 77566, United States of America

by an Assignment dated: January 12, 2010, January 11, 2010, January 6, 2010, and January 4, 2010 of an invention relating to and entitled:

CONTROLLING THE NORMAL:ISO ALDEHYDE RATIO IN A MIXED LIGAND HYDROFORMYLATION PROCESS BY CONTROLLING THE OLEFIN PARTIAL PRESSURE

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

WE, the ASSIGNEE:

DOW TECHNOLOGY INVESTMENTS LLC

2020 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, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/289,149	December 22, 2009	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

anis ac day of Jances

CORP.

THE DOW CHEMICAL COMPAN

MICHAEL L. GLENN
Authorized Representative

Attach Notarial Certificate (Corporation)

PATENT REEL: 031952 FRAME: 0603 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 <u>20</u> day of Januaru	, 20 / O, personally appeared
before me, MICHAEL L. GLENN, Author	zed Representative,
known or identified to me to be the individual of	escribed in and who executed the foregoing documen
and acknowledged the same as a free act and de	ed for uses and purposes therein expressed by
authority of the said Corporation incorporated u	under the laws of the State of Delaware, United
States of America.	
I further certify that said authority, dated Febru	ary 9, 2006, is based on

an authority of a Resolution by the Board of Directors

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.

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

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 TECHNOLOGY INVESTMENTS LLC

2020 Dow Center

Midland, Michigan 48674 **United States of America**

hereby accept the ASSIGNMENT attached hereto which is dated: January 20, 2010

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 **United States of America**

of the invention entitled:

CONTROLLING THE NORMAL:ISO ALDEHYDE RATIO IN A MIXED LIGAND HYDROFORMYLATION PROCESS BY CONTROLLING THE OLEFIN PARTIAL

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.

Sign	ed at	Midland, Michigan 48674, USA
this	21	day of <u>January</u> , 20 <u>10</u>
	CORI SEAI	
		CHARLES J. MAURER III Secretary

NOTARIAL CERTIFICATE (Corporation)

I further certify that said authority, dated July 19, 2007, is based on

Authorization Policy of said Limited Liability Company

which I have seen, appointing the said individual 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 Jane M. nethyl

Jane M. Neitzel NOTARY PUBLIC 24/ COUNTY, MICHIGAN ACTING IN MICHAND COUNTY, MICHIGAN MY COMMISSION EXPIRES SEPTEMBER 26, 2013

> **PATENT** REEL: 031952 FRAME: 0605

RECORDED: 01/13/2014