PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2911224

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOW BENELUX B.V.	06/09/2011

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:	13977113	

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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.

Phone: 9896360618

Email: roedel@dow.com

Correspondent Name: MATTHEW ROEDEL

Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	69217-US-PCT
NAME OF SUBMITTER:	MATTHEW ROEDEL
SIGNATURE:	/Matthew Roedel/
DATE SIGNED:	06/24/2014

Total Attachments: 3

source=69217-US-PCT 20140624 DRH Dow Benelux to Dow Chemical#page1.tif source=69217-US-PCT 20140624 DRH Dow Benelux to Dow Chemical#page2.tif source=69217-US-PCT 20140624 DRH Dow Benelux to Dow Chemical#page3.tif

PATENT 502864627 REEL: 033166 FRAME: 0181

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 BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek Netherlands

a corporation organized and existing under the laws of **NETHERLANDS** 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):

Gerolamo Budroni, Witte de Withstraat 81, 4535AN Terneuzen, Netherlands, Citizen of Italy

by an Assignment dated: February 17, 2011 of an invention relating to and entitled:

HETEROGENEOUS CATALYST AND ITS USE

We do hereby declare, for good and valuable consideration effective as of February 11, 2011, 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, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country	
61/441,679	February 11, 2011	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 9 day of June , 20 1

CORP. SEAL DOW BENELUX B.V.

DARRYL P. FRICKEY
Authorized Representative

Attach Notarial Certificate (Corporation)

PATENT REEL: 033166 FRAME: 0182 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 County/Parish of Midland	,
known or identified to me to be the individu	thorized Representative, all described in and who executed the foregoing document deed for uses and purposes therein expressed by rated under the laws of NETHERLANDS.
I further certify that said authority, dated Ma	arch 21, 2011, is based on
by authority of a Power of Attorney	
which I have seen, appointing the said indiv	idual 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.

SEAL 1C

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

> PATENT REEL: 033166 FRAME: 0183

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:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

From, the ASSIGNOR:

DOW BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek Netherlands

of the invention entitled:

HETEROGENEOUS CATALYST AND ITS USE

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, Micl	<u>higan 48674, USA</u>		<u> </u>
this 9	day of	une	, 20 _//	<u> </u>
COR		By:	CHEMICAL COMI	- IP Law
ľ	NOTARIA	L CERTII	FICATE (Co	orporation)
STATE OF County/Pari On this before me, I known or iden and acknowled	DARRYL P. FRA tified to me to be lged the same as a e said Corporation) SS l) CKEY, Assistant the individual deso a free act and deed	, 20// General Counsel – cribed in and who ex for uses and purpos	personally appeared IP Law, secuted the foregoing document es therein expressed by State of Delaware, United
I further certify	y that said authori	ity, dated April 6,	2011 , is based on	
a Certified Re	esolution			
the foregoing	locument on beha	alf of the said corp		ntative with full power to sign purposes for which said said corporation.

SEAL

Kathy Sue Wertz

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

PATENT REEL: 033166 FRAME: 0184

SEAL

RECORDED: 06/24/2014