## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3341191

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

## **CONVEYING PARTY DATA**

Name	Execution Date
DOW BENELUX B.V.	03/11/2011

## **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:	13883691

## **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: 9896331963
Email: fglmfrr@dow.com
Correspondent Name: BARB STIEVE
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MASSACHUSETTS 48674

ATTORNEY DOCKET NUMBER:	69935-US-PCT
NAME OF SUBMITTER:	BARB STIEVE
SIGNATURE:	/Barb Stieve/
DATE SIGNED:	05/06/2015

## **Total Attachments: 3**

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PATENT 503294573 REEL: 035574 FRAME: 0790

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:

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):

Peter E. Groenendijk, Steensedijk 76, 4561GN Hulst, Netherlands, Citizen of Netherlands and Cornelis Hovingh, Zuidpoortstraat 6, 4527GN Aardenburg (sluis), Netherlands, Citizen of Netherlands

by an Assignment dated: February 25, 2011 and February 22, 2011 of an invention relating to and entitled:

#### ENHANCED CONVERSION OF SYNGAS TO PROPYLENE

We do hereby declare, for good and valuable consideration effective as of December 21, 2010, 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

- 1	D 1. 1. 37 1	-111	
	Priority Number	Filing Date	Filing Country
	61/425,359	December 21, 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

Į	Application Number	Filing Date	Filing Country
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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 Hh day of D	<u>arch</u> , 20 11	
CORP. SEAL	DOW BENELUX B.V. By: Michael & Glegue	
	MICHA'EL L. GLENN	

Authorized Representative

Attach Notarial Certificate (Corporation)

PATENT REEL: 035574 FRAME: 0791 This Notarial Certificate SS0 is in the ENGLISH language and has the same meaning in other languages with the same SS0 number, FORM 550

SEAL

# NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )
On this day of, 20, 20, personally appeared before me, MICHAEL L. GLENN, 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 NETHERLANDS.
I further certify that said authority, dated August 21, 2003, 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 corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.
Relieure Sere Hollengshear
and the stand

Rebacca She Hollingshead NOTARY PUBLIC, IF DUNIC COUNTY, MICHIGAN MY COMMISSION EXPIRES NOVEMBER 25, 2012

PATENT

**REEL: 035574 FRAME: 0792** 

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

hereby accept the ASSIGNMENT attached hereto which is dated: Mach 11, 2011; effective as of December 21, 2010

From, the ASSIGNOR:

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

of the invention entitled:

### ENHANCED CONVERSION OF SYNGAS TO PROPYLENE

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 11+h	_day of	March, 20 11
(CORI SEAL		By: Michael L. Glenn
17 19 19		Authorized Representative
N	OTAR	IAL CERTIFICATE (Corporation)
before me, N known or iden and acknowled	MICHIGS sh of Michael day of Michael diffed to me ged the same asaid Corpo	AN SS
I further certify	that said at	thority, dated February 9, 2006, is based on
an authority o	f a Resolut	on by the Board of Directors
the foregoing of	locument or	ng the said individual Authorized Representative with full power to sign behalf of the said corporation and that the purposes for which said thin the scope of the objects or activities of said corporation.

Rebecca She Hollingshead NOTARY PUBLIC, MICHAND COUNTY, MICHIGAN MY CCUSHISSION EXPRES HOVEMBER 25, 2012

> PATENT REEL: 035574 FRAME: 0793

RECORDED: 05/06/2015