505738704 10/24/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEY	ANCE:	ASSIGNMENT			
CONVEYING PARTY	ΔΑΤΑ				
		Name	Execution Date		
DOW BENELUX B.V.			07/07/2017		
RECEIVING PARTY D	ΔΤΔ				
Name:					
Street Address:	2040 D	OW CENTER			
City: MIDLAND					
State/Country:	ntry: MICHIGAN				
Postal Code:	48674				
PROPERTY NUMBER	S Total: 1		_		
Property Type	•	Number			
Application Number: 1660		16607780			
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NAME OF SUBMITTER	:	KATHERINE GHEARING	KATHERINE GHEARING		
SIGNATURE:		/Katherine Ghearing/	/Katherine Ghearing/		
DATE SIGNED:		10/24/2019	10/24/2019		
Total Attachments: 2 source=Assign - Benelu: source=Assign - Benelu:					

CASE NO. 80310-US-PSP mr

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: <u>JULY</u>7, <u>2017</u>; effective as of April 28, 2017

From, the ASSIGNOR:

DOW BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek, Postbus 48 4530 AA Terneuzen Netherlands

of the invention entitled:

PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE PRODUCTION OF ALKANES

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	l, Michigan 4	8674, USA		
athis	7	day of	Jula	<u></u> , 20	12	
				7		
	CORP SEAL		DO By	W GLOBAL TECH	NA "	Len I
			-,	SUSAN M. ZERUL Authorized Repress		

CASE NO. 80310-US-PSP mr

ASSIGNMENT

(with Priority Rights) and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DOW BENELUX B.V. Herbert H. Dowweg 5 4542 NM Hoek, Postbus 48 4530 AA Terneuzen Netherlands

an entity 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, at Herbert H. Dowweg 5, 4542 NM, Terneuzen, Netherlands and Davy L. S. Nieskens, at Herbert H. Dowweg 5, 4542 NM, Terneuzen, Netherlands

by an Assignment dated: June 9, 2017 and June 12, 2017, respectively of an invention relating to and entitled:

PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE PRODUCTION OF ALKANES

We do hereby declare, for good and valuable consideration effective as of April 28, 2017, 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
Ľ	62/491,663	April 28, 2017	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

day of , 20

CORP. SEAL

DOW BENELUX By:

DARRYL P. FRICKEY Authorized Representative