### 506254735 09/16/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6301481

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WUGENG LIANG	04/25/2018
SAGAR SARSANI	04/19/2018
DAVID WEST	04/30/2018
JAMES KAUFFMAN	05/01/2018
JONATHAN BANKE	04/19/2018
HECTOR PEREZ	04/25/2018
ROBERT SCHUCKER	04/20/2018
TIAN GU	04/19/2018
VEMURI BALAKOTAIAH	04/30/2019

#### **RECEIVING PARTY DATA**

Name:	SABIC GLOBAL TECHNOLOGIES B.V.
Street Address:	PLASTICSLAAN 1
City:	BERGEN OP ZOOM
State/Country:	NETHERLANDS
Postal Code:	4612 PX

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16981444

## **CORRESPONDENCE DATA**

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: 092474.029403(16T&I0153)

NAME OF SUBMITTER: KATIE NEWCOMB

PATENT 506254735 REEL: 053789 FRAME: 0771

SIGNATURE:	/katie newcomb/
DATE SIGNED:	09/16/2020

#### **Total Attachments: 9**

source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page1.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page2.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page3.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page4.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page5.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page6.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page7.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page8.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page8.tif source=092474\_029403\_0399U4\_16Tl0153\_Fully Executed Inventor Assignment#page9.tif

Title of Invention: SMALL CHANNEL SHORT FIXED BED ADIA: COUPLING OF METHANE	BATIC REACTOR FOR OXIDATIVE
This Assignment is directed to:	
[ ] the attached application, or	
patent application number 62659348 fited on April 18, 2018.	
Which claims priority to Patent application number	filed on
Whereas, each undersigned inventor has made certain inventions, improvas the "INVENTION") disclosed in the above-identified patent application "APPLICATION");	ements, and discoveries (herein referred to in (herein referred to as the
Whereas, SABIC Global Technologies B.V., a corporation of The Nether Plasticslaan 1, 4612 PX Bergen op Zoom. The Netherlands (herein referr or has acquired, and each undersigned inventor acknowledges the obligat desire to use this Assignment to memorialize the grant to ASSIGNEE of interest in and to the INVENTION including all embodiments thereof, an and patents directed thereto;	ed to as "ASSIGNEE") desires to acquire ion to assign to ASSIGNEE, and the parties the entire worldwide right title and
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right to insert in this Assignment any further identification of the APPLIC. Application Number and filing date, and Attorney Docker Numbers), and it legal representatives, and assigns the right to execute confirmatory assigns	ATION (including, but not limited to, urther grants ASSIGNEE, its successors
Signature: VIGENG LIANG	Date: 4/28/18
First Witness:	Date: 4/25)12
Printed Name: Hachas (RSR2	
Second Witness: <u>Ouls 14-2</u>	Date: 4_ 25//8-
Printed Name: <u>Pay/ette Haziv</u>	, C

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Each undersigned inventor also hereby grants ASSIGNEE, its successors right to insert in this Assignment any further identification of the APPLIC Application Number and filing date, and Attorney Docket Numbers), and legal representatives, and assigns the right to execute confirmatory assign	CATION (including, but not limited to, I further grants ASSIGNEE, its successors,
Signature: Name of Inventor: SAGAR SARSANI	Date: 04 19 2018
First Witness: Clark Cen	Date: 04/19/2018
Printed Name: CLARX RGA	
Second Witness: Aa JAA	Date: 04/19/2018
Printed Name: AARON GILLETTE	
092474.029400 (0399U1) (16T&10053)	

ASSIGNMENT

Title of invention: SMALL CHANNEL SHORT FIXED BED ADI	ABATIC REACTOR FOR OXIDATIVE
COUPLING OF METHANE This Assignment is directed to:	
[ ] the attached application, or	
[ ] patent application number 62659348 filed on April 18, 2018	
[ ] which claims priority to Patent application number	Bad au
( ) worse secure broads to reactif appreation number	BREG OR
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legal representatives, and assigns the right to execute confirmatory assign	nments on their behalf.
Signature:///	Date: <u>4-30-20</u> /8
First Witness:	Date: 42/8
Printed Name: Lave (W. Cigh	
Second Witness: Marie Roll	Date: 4-30-2018
Printed Name: Marie 12066	<del>.</del>

Title of Invention: SMALL CHAN COUPLING OF METHANE	(NEL SHORT FIXED BED)	ADIABATIC REACTOR FOR OXIDATIVE
This Assignment is directed to:		
( ) the attached application, or		
[ ] patent application number 62	<u>659348</u> filed on <u>April 18, 201</u>	8
[ ] which claims priority to Patent a	pplication number	filed on
Whereas, each undersigned inventor as the "INVENTION") disclosed in "APPLICATION");	has made certain inventions, i the above-identified patent app	inprovements, and discoveries (herein referred to dication (herein referred to as the
Plasticstaan 1, 4612 PX Bergen op Z or has acquired, and each undersigne desire to use this Assignment to mer	Coom, The Netherlands (herein ed inventor acknowledges the c norialize the grant to ASSIGN	Netherlands having a place of business at referred to as "ASSIGNEE") desires to acquire obligation to assign to ASSIGNEE, and the particle. EE of the entire worldwide right, title, and not not any and all patent applications.
has assigned, and otherwise transfers assigns, the entire worldwide right, tall other patent applications and pate and all countries and jurisdictions, in continuations-in-part, reissues, reexathereof, and all rights of priority resulted to the first and all claims and causes of action, and all claims and causes of action, and the hereof, including all rights to an relief for past, present and future infinite right but no obligation to sue for damages. In addition, each undersignissue patents, to issue any patent on a successors, legal representatives, and held and enjoyed by ASSIGNEE, its which any and all such patents may bundersigned had this Assignment not their successors and legal representations reasonably related to recording the successors and the patents of the successors and the successors are successors and the successors are successors and the successors are successors and the successors and the successors are successors ar	rentor (herein referred to as "As or has transferred to the ASSI itle, and interest in and to the I into for the INVENTION which teluding all priority application iminations, renewals, extension alting from the filing of such as with respect to any of the foreguld claims for damages, restitutivingement, dilution, misappropouch legal and equitable reliefued inventor bereby authorizes the INVENTION or from the I assigns, the entire worldwide successors, legal representative granted, as fully and entirely theen made; and each undersigues, to execute any and all dothis Assignment or perfecting the in ASSIGNEE, its successors, its successors, its successors.	SSIGNOR") hereby sells or has sold, assigns or GNEE, its successors, legal representatives, and NVENTION, the APPLICATION, and any and a may be applied for or granted therefor in any se, nonprovisionals, divisions, continuations, as, counterparts, substitutes, and extensions replications and granting of such patents; and any oing, whether accruing before, on and/or after the on and injunctive and other legal and equitable riation, violation, misuse, breach or default, with and to collect, or otherwise recover, any such and requests any official whose duty it is to APPLICATION to said ASSIGNEE, its right, title, and interest in and to the same to be es, and assigns to the full end of the terms for as would have been held and enjoyed by the med inventor agrees on behalf of themselves, cuments and instruments and perform all lawful itle to the INVENTION, the APPLICATION, rs, legal representatives, and assigns, whenever
right to insert in this Assignment any	further identification of the A and Afforney Docket Numbers	rssors, legal representatives, and assigns, the PPLICATION (including, but not limited to, ), and further grants ASSIGNEE, its successors, assignments on their behalf.
Signature: <u>/2*//</u> Name of Invenior JAMES KAUFF	Kan/fore	Date: 19kg 1, 2018
First Witness: <u>IXAUL</u>	W	Date: 05-0/-20/8
Printed Name: <u>AUA KHANIM</u>	AUEPOVA	
Second Witness: Tay 40	¥	Date: 05-0-2
Printed Name: <u>ド科ゼログダ</u>	<u>DRAGEE</u>	

092474.029400 (0399U1) (16T&10053)

# ASSIGNMENT

Title of Invention: SMALL CHANNEL SHORT FIXED BED ADIABATIC REACTOR FOR OXIDATIVE
COUPLING OF METHANE
This Assignment is directed to:
[ ] the attached application, or
[ ] patent application number 62659348 filed on <u>April 18, 2018</u> .
[ ] which claims priority to Patent application number filed on
Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the "APPLICATION");
Whereas, SABIC Global Technologies B.V., a corporation of The Netherlands having a place of business at Plasticslaan 1, 4612 PX Bergen op Zoom, The Netherlands (herein referred to as "ASSIGNEE") desires to acquire or has acquired, and each undersigned inventor acknowledges the obligation to assign to ASSIGNEE, and the parties desire to use this Assignment to memorialize the grant to ASSIGNEE of the entire worldwide right, title, and interest in and to the INVENTION including all embodiments thereof, and in and to any and all patent applications and patents directed thereto:
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Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification of the APPLICATION (including, but not limited to Application Number and filing date, and Attorney Docket Numbers), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confurnatory assignments on their behalf.
Signature: Date: 4/9/20/8 Name of Inventor: JONATHAN BANKE
First Witness: Mllun Some 4/19/2018
Printed Name: Maginaria Symmes
Second Witness: 1   Date: 4/15/18
Printed Name: Raginald Tannywa

Fitle of Invention: SMALL CHANNEL SHORT FIXED BED ADIABATIC REACTOR FOR OXIDATIVE COUPLING OF METHANE
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Signature: Date: 4/25/18 Name of Inventor: HECTOR PEREZ
First Witness:
Printed Name: Wugsass Lang
Second Witness: Date: 4/25/12
Printed Name: Lagasas La

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Signature: Partic Schucker Date: 4/20/2018  Same of Inventor: ROBERT SCHUCKER
irst Witness: 120/20/8
rinted Names Reginald Lennyian
econd Wimess: MCULLO B. Carry, Date: 4/20/2018
rinted Name: Michelle D. Casros

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Signature: Name of Inventor: TIAN GU	Date: <u>04/19/</u> 2018
First Witness:	Date:
Printed Name: Jangus Fon	
Second Witness:	Date: April 18, 2019
Printed Name: #41/WANCO	

THE OF INVENTION: SMALL CHANNEL SHOKE FIXED BE COUPLING OF METHANE	ED ADIABATIC REACTOR FOR OXIDATIVE
This Assignment is directed to:	
[ ] the attached application, or	
[X] Patent application number 62/659,348 filed on April 18, 2	<u>018</u> .
[ ] which claims priority to Patent application number	
Whereas, each undersigned inventor has made certain inventio as the "INVENTION") disclosed in the above-identified patent "APPLICATION");	ns, improvements, and discoveries (herein referred to t application (herein referred to as the
Whereas, SABIC Global Technologies B.V., a corporation of Plasticslaan 1, 4612 PX Bergen op Zoom, The Netherlands (he or has acquired, and each undersigned inventor acknowledges desire to use this Assignment to memorialize the grant to ASSI interest in and to the INVENTION including all embodiments and patents directed thereto;	prein referred to as "ASSIGNEE") desires to acquire the obligation to assign to ASSIGNEE, and the parties IGNEE of the entire worldwide right, title, and
Now, therefore, for good and valuable consideration, the receip acknowledged, each undersigned inventor (herein referred to a has assigned, and otherwise transfers or has transferred to the / assigns, the entire worldwide right, title, and interest in and to a sali other patent applications and patents for the INVENTION vand all countries and jurisdictions, including all priority applications and all countries and jurisdictions, including all priority applications in the filing of succentinuations-in-part, reissues, reexaminations, renewals, extend thereof, and all rights of priority resulting from the filing of succentinuations and causes of action, with respect to any of the fiddle hereof, including all rights to and claims for damages, restrelief for past, present and future infringement, dilution, misappethe right but no obligation to sue for such legal and equitable reddeninges. In addition, each undersigned inventor hereby authorissue patents, to issue any patent on the INVENTION or from a successors, legal representatives, and assigns, the entire worlds held and enjoyed by ASSIGNEE, its successors, legal representatives and and enjoyed had this Assignment not been made; and each undersigned had this Assignment not been made; and each undersigned had this Assignment not been made; and each undersigned had this Assignment not been made; and each undersigned had this Assignment not seen made; and each undersigned had this Assignment or perfect and all related patents and applications, in ASSIGNEE, its successors, legal representatives, requested by ASSIGNEE, its successors, legal representatives.	s "ASSIGNOR") hereby sells or has sold, assigns or ASSIGNEE, its successors, legal representatives, and the INVENTION, the APPLICATION, and any and which may be applied for or granted therefor in any ations, nonprovisionals, divisions, continuations, usions, counterparts, substitutes, and extensions ch applications and granting of such patents; and any foregoing, whether accruing before, on and/or after the titution and injunctive and other legal and equitable propriation, violation, misuse, breach or default, with elief and to collect, or otherwise recover, any such prizes and requests any official whose duty it is to the APPLICATION to said ASSIGNEE, its wide right, title, and interest in and to the same to be statives, and assigns to the full end of the terms for tirely as would have been held and enjoyed by the dersigned inventor agrees on behalf of themselves, all documents and instruments and perform all lawfuling title to the INVENTION, the APPLICATION, cessors, legal representatives, and assigns, whenever
Each undersigned inventor also hereby grants ASSIGNEE, its : right to insert in this Assignment any further identification of the Application Number and filing date, and Attorney Docket Num legal representatives, and assigns the right to execute confirmations.	he APPLICATION (including, but not limited to, nobers), and further grants ASSIGNEE, its successors.
Signature: Coldetaid Name of Inventor: VEMURI BALAKOTAIAH	Date: <u>April 30,</u> 2019
First Witness: <u>Jawyhn</u> Printed Name: Than a Phan	Date: <u>Agr 30, 2019</u>
Second Witness: 2/2 O Din Printed Name: Jeffsey D. RimeC	Date: Apr 30, 2019
r	

PATENT REEL: 053789 FRAME: 0781

**RECORDED: 09/16/2020**