# 505692206 09/26/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5739016

		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΔΤΑ				
		Name	Execution Date		
VIJAY DINKAR BODAS	6		04/12/2017		
SULTAN AL-OTAIBE			04/16/2017		
GUILLERMO LEAL			04/12/2017		
MOHAMMED BISMILL	AH ANSARI		04/12/2017		
RECEIVING PARTY D	ΑΤΑ				
Name:		OBAL TECHNOLOGIES B.V.			
Street Address:	PLASTICS				
City:	BERGEN	OP ZOOM			
State/Country:	NETHERL				
Postal Code:	4612 PX				
		Trainis Ci			
Property Type		Number			
		497908			
Application Number:	164				
Application Number: CORRESPONDENCE I	164 DATA (51	497908 2)536-4598			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I	DATA (51 be sent to th	497908 2)536-4598 <b>ne e-mail address first; if that is unsucc</b>			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if	DATA (51 be sent to th provided; it	497908 2)536-4598			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if Email:	DATA (51 be sent to th provided; if jes	497908 2)536-4598 <b>be e-mail address first; if that is unsucce</b> <b>f that is unsuccessful, it will be sent via</b>			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will L using a fax number, if</i> Email: Correspondent Name: Address Line 1:	DATA (51 be sent to th provided; if jes : NC 98	497908 2)536-4598 <b>The e-mail address first; if that is unsucce</b> <b>that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com ORTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (51 be sent to th i provided; it jes : NC 98 SU	2)536-4598 <b>be e-mail address first; if that is unsucce</b> <b>f that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com DRTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD IITE 1100			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (51 be sent to th i provided; it jes : NC 98 SU	497908 2)536-4598 <b>The e-mail address first; if that is unsucce</b> <b>that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com ORTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will L using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (51 be sent to th provided; if jes : NC 98 SU AU	2)536-4598 <b>be e-mail address first; if that is unsucce</b> <b>f that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com DRTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD IITE 1100			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I	DATA (51 be sent to th i provided; it jes : NC 98 SU AU	497908 2)536-4598 <b>be e-mail address first; if that is unsucce</b> <b>f that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com DRTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD UITE 1100 ISTIN, TEXAS 78701			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (51 be sent to th i provided; it jes : NC 98 SU AU	2)536-4598 <b>e e-mail address first; if that is unsucce</b> <b>f that is unsuccessful, it will be sent via</b> sica.behrens@nortonrosefulbright.com DRTON ROSE FULBRIGHT US LLP SAN JACINTO BLVD UTE 1100 USTIN, TEXAS 78701 SABM.P0095US.1001090869			

# **DECLARATION AND ASSIGNMENT**

## Title of Invention: PROCESS FOR NPENTANIZING DEBUTANIZED NATURAL GASOLINE FEEDSTOCK TO THERMAL CRACKERS

As a below named inventor, I hereby declare that:

This Declaration and Assignment is directed to:

- [] the attached application (Attorney Docket Number \_\_\_\_\_), or
- [X] U.S. provisional patent application number 62/480,606 filed on April 3, 2017.

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

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 private company with limited liability, with corporate seat in Amsterdam, the Netherlands, and office address 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 Declaration and 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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees on behalf of themselves, their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney Docket Number), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: The solar	Date: 12	Apr 2017
Name of Inventor: VIJAY DINKAR BODAS		
Witness: Orahajan Date April 12, Witness: :		Date: 12Th RIUL, 2017
Printed Name: fo hit Nahajan Printed Name	SANJEREV	LUMAR MSHISHS

PATENT REEL: 050499 FRAME: 0702

#### DECLARATION AND ASSIGNMENT

# Title of Invention: PROCESS FOR NPENTANIZING DEBUTANIZED NATURAL GASOLINE FEEDSTOCK TO THERMAL CRACKERS

As a below named inventor, I hereby declare that:

This Declaration and Assignment is directed to:

- [] the attached application (Attorney Docket Number \_\_\_\_\_), or
- [X] U.S. provisional patent application number 62/480,606 filed on April 3, 2017.
- [] which claims priority to Patent application number

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

filed on

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

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 private company with limited liability, with corporate seat in Amsterdam, the Netherlands, and office address 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 Declaration and 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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees on behalf of themselves. their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney Docket Number), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of nor more than five (5) years, or both.

Signature:	Date: 16 12 April 2017
Name of Inventor: SULTAN AL-OTAIBE	C
Witness: Moha SS Date: 16/04/21 Witness: :	Date: 16-4-2017
Printed Name: Mo he may ( AL Chamel Printed Name	: Uthman AL-Zahrani

PATENT REEL: 050499 FRAME: 0703

#### **DECLARATION AND ASSIGNMENT**

## Title of Invention: PROCESS FOR NPENTANIZING DEBUTANIZED NATURAL GASOLINE FEEDSTOCK TO THERMAL CRACKERS

As a below named inventor, I hereby declare that:

This Declaration and Assignment is directed to:

- [] the attached application (Attorney Docket Number \_\_\_\_\_), or
- [X] U.S. provisional patent application number 62/480,606 filed on April 3, 2017.
- [] which claims priority to Patent application number

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

filed on

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

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 private company with limited liability, with corporate seat in Amsterdam, the Netherlands, and office address 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 Declaration and 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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees on behalf of themselves, their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney Docket Number), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature:	Date:	April /12/20	17
Name of Inventor GUILLERMO LEAL	$\frown$		•
Rei		n 	2 TM No.411, 2017
	Witness: :	Date: //	,
Printed Name: Pohit Machayan 2017	Printed Name:	LEV RUMAR	MIMISUT

PATENT REEL: 050499 FRAME: 0704 16CHEM0130 (SABM.P0095US.P1)

#### DECLARATION AND ASSIGNMENT

# Title of Invention: PROCESS FOR NPENTANIZING DEBUTANIZED NATURAL GASOLINE FEEDSTOCK TO THERMAL CRACKERS

As a below named inventor, I hereby declare that:

This Declaration and Assignment is directed to:

- [] the attached application (Attorney Docket Number \_\_\_\_\_), or
- [X] U.S. provisional patent application number 62/480,606 filed on April 3, 2017.
- [] which claims priority to Patent application number

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

filed on

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

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 private company with limited liability, with corporate seat in Amsterdam, the Netherlands, and office address 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 Declaration and 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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees on behalf of themselves, their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney Docket Number), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	work	Date: April /	12/2017	
Name of Inventor: MOHAMME	D BISMILLAH ANSARI		7	
Witness: Orlahegung	DateApril (2, Witness: :	19ª	Date: 12 TH APAL, 2017	ጉ
Printed Name: Pohit Maha	/	: SANJEEV		

PATENT REEL: 050499 FRAME: 0705

**RECORDED: 09/26/2019**