#### 505357205 03/05/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5403993

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIAOMING WANG	03/01/2017
MICHEL DEEBA	02/21/2017
XIAOLAI ZHENG	02/21/2017

## **RECEIVING PARTY DATA**

Name:	BASF CORPORATION
Street Address:	100 PARK AVENUE
City:	FLORHAM PARK
State/Country:	NEW JERSEY
Postal Code:	07932

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16278654

## **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:	76920US03
NAME OF SUBMITTER:	BALTAZAR GOMEZ
SIGNATURE:	/Baltazar Gomez Reg.No.61,924/
DATE SIGNED:	03/05/2019

# **Total Attachments: 5**

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PATENT REEL: 048498 FRAME: 0566

#### WORLDWIDE INVENTION ASSIGNMENT

WHEREAS, the undersigned (hereinafter collectively referred to as "Assignor") has or may have invented certain inventions and improvements disclosed in the United States patent application entitled "TITANIA-DOPED ZIRCONIA AS PLATINUM GROUP METAL SUPPORT IN CATALYSTS FOR TREATMENT OF COMBUSTION ENGINE EXHAUSTS STREAMS" and designated as

- Application No. <u>PCT/US2015/047386</u>; filed <u>August 28, 2015</u>
- Application claims priority from Application No. <u>62/046,465</u>, filed <u>September 5</u>, <u>2014</u>, all applications listed above being hereinafter referred to as the "Application(s)";

WHEREAS, it is agreed that

BASF Corporation 100 Park Avenue Florham Park, NJ 07932

(hereinafter referred to as "Assignee"), is entitled to or is desirous of acquiring all right, title and interest related to the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents, does sell, assign, and transfer unto Assignee the full, exclusive and entire right, title and interest, worldwide: (i) in and to all inventions and improvements disclosed and described in the Application(s); (ii) in and to said Application(s) and any other United States national stage, provisional, non-provisional, divisional, continuation, continuation-in-part, or design patent applications based in whole or in part upon said inventions or improvements and/or claiming priority to said Application(s) (the "U.S. Applications"); (iii) in and to any Patent Cooperation Treaty applications based in whole or in part upon said inventions or improvements and/or claiming priority to said Application(s); (iv) in and to any and all applications for industrial property protection, including without limitation applications for patent, utility model, inventor's certificate, and design, filed or which

PATENT REEL: 048498 FRAME: 0567 are hereafter filed in countries outside the United States (the "Foreign Applications") and which describe in whole or in part said inventions and improvements, said Foreign Applications to be filed and issued in the name of Assignee or its designee insofar as permitted by applicable law; (v) in and to all patents or similar protective rights in the United States or elsewhere which may be granted on the U.S. Applications and Foreign Applications and all reissues, reexaminations, and extensions thereof, any and all such patents or other protective rights to issue in the name of Assignee and for the sole use and behoof of Assignee and its successors and assigns; and (vi) in and to the right to claim any applicable foreign or domestic priority rights arising from or required for any of the aforementioned applications under the terms of any applicable conventions, treaties, statutes, or regulations.

AND, for the same consideration, Assignor agrees to (i) communicate to Assignee, its successors, legal representatives, and assigns, any facts known to Assignor respecting said inventions and improvements or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions or improvements; (ii) sign or execute all lawful papers, applications, declarations, affidavits, assignments, and rightful oaths that may be requested by Assignee during prosecution or enforcement of any rights related to the inventions and improvements; (iii) testify in any proceedings relating to said inventions or improvements or rights granted therefor; and (iv) generally do everything possible to aid Assignee and its successors, legal representatives and assigns, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Assignor covenants with Assignee, its successors, legal representatives, and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned. Assignor further agrees that Assignee, its successors, legal representatives, and assigns, may insert into this Assignment any further text necessary or desirable to define the Applications to which the Assignment pertains for purposes of recordation, and also agrees that the Assignment is effective at least as early as September 5, 2014 the earliest priority date of the Application(s).

3/1/2017	WALNOW
Date	XIAOMING WANG
WITNESSES:	
	(Signature of Witness)
	Michael Lazar
	(Typed Name of Witness)
	M
	(Signature of Witness)
	Nan Li
	(Typed Name of Witness)

2/21/2017 Michel Deul MICHEL DEEBA	
State of New Ersey  County of Middles ex	
County of Middles ex	
I, Cynthia Hoffman, a Notary Public for said County and State, do hereby certify that MICHEL DEEBA personally appeared before me this day and acknowledged the du execution of the foregoing instrument.	e
Witness my hand and official seal, this the $2/57$ day of February, $20/7$ .	
(Official Seal) Centhin Hoffman	
My commission expires 08-17-2017	

02/21/2017 Date	Ziavlai 2 he f XIAOLAI ZHENG
State of New Jersey	)
County of Middles ex	)
I, Cynthia Hoffman certify that XIAOLAI ZHENG personal due execution of the foregoing instru	, a Notary Public for said County and State, do hereby sonally appeared before me this day and acknowledged the rument.
Witness my hand and official seal,	this the 21 st day of February, 2017.
(Official Seal)	Cynthia Kaffman
My commission expires 08-17-2	Notary Public