506368960 11/23/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XINYI WEI	01/15/2016
XIAOMING XU	01/15/2016
STANLEY ROTH	01/15/2016

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:	16068418

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 15516.0018-00000

NAME OF SUBMITTER: ADRIANA L. BURGY

SIGNATURE: /Adriana L. Burgy/
DATE SIGNED: 11/23/2020

Total Attachments: 5

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PATENT 506368960 REEL: 054448 FRAME: 0896

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PATENT REEL: 054448 FRAME: 0897

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 "DIESEL OXIDATION CATALYST COMPRISING PLATINUM GROUP METAL NANOPARTICLES" and designated as

\bowtie	Application No. <u>62/275,434</u> ; filed <u>January 6, 2016</u>		
	Application claims priority from Application No. listed above being hereinafter referred to as the "Application No.	•	

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 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

PATENT REEL: 054448 FRAME: 0898 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 January 6, 2016 the earliest priority date of the Application(s).

January 15, 2016 Date	XINYI WEI
State of New Tersey) County of Middle sex	
	Notary Public for said County and State, do hereby red before me this day and acknowledged the due e 15 th day of January, 2016.
(Official Seal) My commission expires 12/11/2017	Barbara A. Datter Notary Public
BARBARA A. SLATTERY NOTARY PUBLIC OF NEW JERSEY I.D. # 2427835 My Commission Expires 12/11/2017	

Page 3 of 5

01/15/2016 Date		XIAOMIN	G XU		Xu	1
State of New Tersey County of minddle sex						
I, BARBARA A. SLATTORY, a Recertify that XIAOMING XU personally a execution of the foregoing instrument.	appeared be	efore me this	day and	acknowl	ledged the	due
Witness my hand and official seal, this th	le 15th	bara	A.	201	_,20 <u>16</u>	
My commission expires <u>12/11/201</u> 7		Nota	ary Publi	С		<i>\</i>
BARBARA A. SLATTERY NOTARY PUBLIC OF NEW JERSEY 1.D. # 2427835 My Commission Expires 12/11/2017						

Tanuary 15, 2016 Date		Lanley ROTH	
State of New Jersey County of Middle Se)		
I, BARBARA A. SLA certify that STANLEY ROTH execution of the foregoing ins	personally appeared be	o for said County and Store me this day and a	State, do hereby cknowledged the due
Witness my hand and official	seal, this the 15th d	ay of JANUARY	, 2016
(Official Scal)	Bail	Notary Public	Latter
My commission expires 12/1	1/2017	notary Fublic	
BARBARA A. SLATTER NOTARY PUBLIC OF NEW JER I.D. # 2427835 My Commission Expires 12/11/2	Y PRESERV BEY RUILERBEY 017		