PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5374404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PEDRO SERNA MERINO	02/05/2019
JADEENE E. GABAY	01/28/2019
AVELINO CORMA CANOS	01/17/2019
MANUEL MOLINER MARIN	01/17/2019

RECEIVING PARTY DATA

Name:	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
Street Address:	1545 ROUTE 22 EAST
Internal Address:	P.O. BOX 900
City:	ANNANDALE
State/Country:	NEW JERSEY
Postal Code:	08801-0900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16261748

CORRESPONDENCE DATA

Fax Number: (908)335-1065

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.

Phone: 908-335-3605

Email: kimberly.m.shapiro@exxonmobil.com

Correspondent Name: EXXONMOBIL RESEARCH AND ENGINEERING COMPANY

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Address Line 2: P.O. BOX 900

Address Line 4: ANNANDALE, NEW JERSEY 08801-0900

ATTORNEY DOCKET NUMBER:	2019EM010
NAME OF SUBMITTER:	HSIN LIN
SIGNATURE:	/Hsin Lin/
DATE SIGNED:	02/13/2019

Total Attachments: 3

PATENT REEL: 048321 FRAME: 0837

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> PATENT REEL: 048321 FRAME: 0838

Application Serial No.	16/261,748
EMRE Docket No.	2019EM018

ASSIGNMENT INVENTOR or INVENTORS:

Pedro Serna Merino Jadeene E. Gabay

Avelino Corma Canos Manuel Moliner Marin

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to <u>ExxonMobil Research and Engineering Company</u> (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled.

SELECTIVE OXIDATION USING ENCAPSULATED CATALYTIC METAL

17th & 28th January said application having been executed on the 5th day(s) of February , 2019 , and being further identified as EMRE Docket No. 2019EM010; all rights of priority created by said application under provisions of international convention or treaties.

- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- 3) UNDERSIONED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIONED will cooperate with ASSIONEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
- 4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
- 5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIONED on the date opposite UNDERSIGNED's NAME.

Date <u>02/05/20</u> 9	Inventor (LS)	Willess Harifaes
Date	Pedro Serna Meriko Inventor(LS)	witness
Date	Jadeene E. Gabay Inventor(LS)	Witness
Date	Avelino Corma Canos Inventor (LS)	Witness
	Manuel Moliner Marin	

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PATENT REEL: 048321 FRAME: 0839 *27810* 27810 PATENT TRADEMARK OFFICE

Application Serial No.	16/261,748	
EMRE Docket No.	2019EM010	

ASSIGNMENT INVENTOR or INVENTORS:

Pedro Sema Merino

Jadeene E. Gabay

Avelino Corma Canos

Manuel Moliner Marin

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date	Inventor	(LS)	Witness		
Date 3 1/28/19	Pedro Sema Merino Inventor Jadeene L. Gabay)(LS)	Witness_	J. Spill	
Date	Inventor Avelino Corma Canos	(LS)	Witness		
Date	Inventor Manuel Moliner Marin	(LS)	Witness		

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PATENT REEL: 048321 FRAME: 0840 *27810* 27810 PATENT TRADEMARK OFFICE

Application Serial No.	16/261,748
EMRE Docket No.	2019EM010

ASSIGNMENT INVENTOR or INVENTORS:

Pedro Sema Merino

Jadeene E. Gabay

Avelino Conna Canos

Manuel Moliner Marin

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SELECTIVE OXIDATION USING ENCAPSULATED CATALYTIC METAL.

17th & 28th

January

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Bate	Inventor(1.5) Pedro Sema Merino	Witness
Drite	Inventor(US)	Winess
Date <u>01/17/2</u> 019	- sweener <u>HOUD 6744-</u> 11.5)	Witness C.
Davi <u>0.1/17/2015</u>	Aveting Corns Cones Inventor	Witness

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PATENT REEL: 048321 FRAME: 0841

RECORDED: 02/13/2019