# 506461757 01/21/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		_	NEW ASSIGNMENT	_			
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DA	ТА						
			Name		Executio	on Date	
EVERETT J. O'NEAL					02/11/201	9	
LU HAN			02/25/201	9			
CARLA S. PEREIRA					02/21/201	9	
RODRIGO F. BLANCO GUTIERREZ					02/25/201	9	
TIMOTHY M. HEALY					02/25/201	9	
RECEIVING PARTY DA	ТА						
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 <sup>, ,</sup>	<u> </u>					
Property Type			Number				
		1669	6821				
		(016)	401 5547				
Fax Number:(816)Correspondence will be sent to the			421-5547 e-mail address first: if that is i	unsi	iccessful, it will be a	sent	
			nat is unsuccessful, it will be s				
			rule@shb.com				
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ATTORNEY DOCKET NUMBER:			32091.329201				
NAME OF SUBMITTER:			BOBERT D. CHISHOLM				

# ATTORNEY DOCKET NUMBER: 32091.329201 NAME OF SUBMITTER: ROBERT D. CHISHOLM SIGNATURE: /ROBERT D. CHISHOLM/ DATE SIGNED: 01/21/2021

# **Total Attachments: 2**

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Family Number:

2018EM379

## PROVISIONAL ASSIGNMENT INVENTOR or INVENTORS:

EVERETT J. O'NEAL LU HAN CARLA S. PEREIRA RODRIGO F. BLANCO GUTIERREZ TIMOTHY M. HEALY

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, discovery, or improvement described in United States Provisional Patent Application entitled

REFORMING CATALYST PATTERN FOR FUEL CELL OPERATED WITH ENHANCED CO2 UTILIZATION

identified as 2018EM379 which undersigned has read and understood and to any and all patent applications and patents covering any invention described in this application and claiming priority based on this application, including the right to claim priority from this application for any patent applications filed in any country worldwide.

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 or divisions 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) UNDERSIGNED 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, or in any reexamination or reissue proceedings, UNDERSIGNED will cooperate with ASSIGNEE 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. The Assignment is binding on the UNDERSIGNED successors, heir and assigns.

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

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Data 2/25/19	Inventor(LS)	wale-
Date 212112019	Inventor Carla S. PEREIRA	Witness
Date 2/25/19	Inventor(LS) RODRIGO F. BLANCO GUTIERREZ	Carl Carl
Date	Inventor(LS) TIMOTHY M. HEALY	Witness

PATENT REEL: 054989 FRAME: 0394

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Family Number: 2018EM379

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

Date	Inventor EVERETT J. O'NEAL	_(LS)	Wilness
Dats	Inventor LU HAN	_(LS)	Witness
Date	InventorCARLA S. PEREIRA	(LS)	Winess
Delv	InventorRODRIGO F. BLANCO GUTIERREZ	(LS)	Wilness
Data 2-25-19	Inventor S WOL NOT	(L.S)	Witness

**RECORDED: 01/21/2021**