11/21/2017 504651761

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK LAWRENCE BREWER	06/16/2016
ROGER FRANCIS CRACKNELL	06/15/2016
QIWEI HE	06/16/2016
JOHN M MORALES	06/16/2016
MICHAEL TIMOTHY PHILBIN	06/16/2016
NICHOLAS JAMES ROUNTHWAITE	06/16/2016
ANDREA SCHUETZE	06/16/2016
JOHN SOCRATES THOMAIDES	06/16/2016
PHILIP NIGEL THRELFALLL-HOLMES	06/13/2016
DAMIEN CHRISTIAN VADILLO	06/16/2016

RECEIVING PARTY DATA

Name:	SHELL OIL COMPANY
Street Address:	P.O. BOX 576
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77001-0576

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15575821

CORRESPONDENCE DATA

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> **PATENT REEL: 044187 FRAME: 0036**

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NAME OF SUBMITTER:	SEJAL GOSALIA
SIGNATURE:	/SEJAL GOSALIA/
DATE SIGNED:	11/21/2017
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, BREWER Mark Lawrence, CRACKNELL Roger Francis,
HE Qiwei, MORALES John M, PHILBIN Michael Timothy, ROUNTHWAITE Nicholas
James, SCHUETZE Andrea, THOMAIDES John Socrates, THRELFALL-HOLMES Philip
Nigel, VADILLO Damien Christian have made a certain improvement in FUEL, 15/575,821 feled
COMPOSITION for which application papers for United States Patent thereon, identified as

Nov. 21, 2017 , have been executed by us, and, ... (addedafter Inventors Legnatures)

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention:

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Name BREWER Mark Lawrence

06/16/2016

Date

Witnesses:

(Witness)

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Date	(Witness) PHILIP H GASHELL
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Name VADILLO Damien Christian	(Witness)
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Name THRELFALL-HOLMES Philip Nigel	(Witness)
Date	(Witness)
Name VADILLO Damien Christian	Mary Elle, Kraun (Witness)
06/16/2016	Maine Leman
Date	(Witness)