504694677 12/19/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4741399

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH H. LAWSON	11/28/2017
DEREK H. WILLMAN	11/29/2017

RECEIVING PARTY DATA

Name:	PHILLIPS 66 COMPANY
Street Address: INTELLECTUAL PROPERTY - LEGAL	
Internal Address:	P.O. BOX 421959
City: HOUSTON	
State/Country:	TEXAS
Postal Code:	77242-1959

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15819278

CORRESPONDENCE DATA

Fax Number: (832)765-9875

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: 832-765-1249

Email: RSCLEGALPSXIP@P66.COM

Correspondent Name: PHILLIPS 66 COMPANY

Address Line 1: INTELLECTUAL PROPERTY - LEGAL

Address Line 2: P.O. BOX 421959

Address Line 4: **HOUSTON, TEXAS 77242-1959**

ATTORNEY DOCKET NUMBER:	P66-00364US
NAME OF SUBMITTER:	DAVID W. WESTPHAL
SIGNATURE:	/David W. Westphal/
DATE SIGNED:	12/19/2017

Total Attachments: 4

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Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention

Docket No.: P66-00364US

United States Non-Provisional Patent Application : United States Non-Provisional Patent Application			r 21, 2017
 United States Continuation Patent Application Ser	ial No	filed	
 International (PCT) Patent Application Serial No	- 14 - 15 - 15 - 15 - 15 - 15 - 15 - 15	filed	
 Prior Foreign Application No.:	, Country	, filed	
 Other (specify)		10 A.A.A. (10 A.A.	
Direct all correspondence to the address associate	ed with Custom	er No.: <u>105261</u>	
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The above-identified application was made or authorized to be made by me.

I believe that I am the original and first inventor or an original and first joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all Information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application date and any subsequent application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims of said application. I have reviewed any claim to priority, and I have identified above any prior application number with day, month and year of filing, including any PCT international application designating at least one country other than the United States of America.

WHEREAS, Phillips 66 Company (hereinafter referred to as "ASSIGNEE") having a place of business at: 2331 CityWest Blvd., Houston, Texas 77042 USA, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged: I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assign, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention

Docket No.: P66-00364US

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and relissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do anything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. 1001 and that such willful false statements may (expandize the validity of the application or any patent issued thereon.

Assignor		
Inventor: Keith H. Lawson	Residence: 2508 Glynnwood Drive, I	Bartlesville, OK 74006
Signature: Kal)/Ha	Citizenship: US Date:	
Signature.	Citizenomp. <u>Do</u>	- Horalit
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Notarization 0	3	
Executed this 2800 day of 101	NO(NLO) in the year 2017	
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who acknowledged the foregoing instru	nent to be a free act and deed and al	lso represented that
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My Commission Expires:		
January 26,2021		
V		

Assignee

Phillips 66 Company hereby accepts assignment of the above referenced patent application.

Name: David W. Westphal

Phillips 66 Company

Patent Attorney and Attorney-in-Fact

Registration No. 32,673

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Houston, Texas 77242-1959

United States of America

Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention

Docket No.: P66-00364US

Х	United States Non-Provisional Patent Application su United States Non-Provisional Patent Application Se	rial No. <u>15/819,278</u> filed <u>November 21,</u>	2017
	United States Continuation Patent Application Serial	! No filed	
	International (PCT) Patent Application Serial No	filed	
	Prior Foreign Application No.:	Country filed	
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	Other (specify)		
	Other (specify) Direct all correspondence to the address associated Title of the I	nvention	

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Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged: I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assign, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

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I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Assignor
Inventor: Derek H. Willman Residence: 4740 Baylor Drive, Bartlesville, OK 74006
Signature: Citizenship: US Date: 11/29/2012
Notarization
Executed this You day of Mounter in the year 2017 At Anna (State)
State of NVIakorna
County of DAgas
County of Orange Before me personally appeared: Description 4 Villman
who acknowledged the foregoing instrument to be a free act and deed and also represented that
he or she is authorized to execute the same this John day of Loven Les in the
year 2017
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· Additates
(Notary Public)
[SEAL] Warner /
My Commission Expires:
<u>- Operang 26, 2001</u>

Assignee

Phillips 66 Company hereby accepts assignment of the above referenced patent application.

Name: David W. Westphal

Phillips 66 Company

Patent Attorney and Attorney-in-Fact

Registration No. 32,673

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Houston, Texas 77242-1959

United States of America

PATENT REEL: 044433 FRAME: 0777

RECORDED: 12/19/2017