#### 506090238 06/04/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6136958

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANTHONY O. BALDRIDGE	05/18/2020
NEAL D. MCDANIEL	05/18/2020
JAMES A. SUTTIL	05/29/2020
JIANHUA YAO	05/28/2020
EDWARD C. WEINTROB	04/30/2020
MATTHEW J. WULFERS	05/18/2020
BRUCE B. RANDOLPH	05/26/2020
MAZIAR SARDASHTI	05/07/2020

### **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:	16855312

### **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: 832-765-1251

Email: RSCLegalpsxip@p66.com PHILLIPS 66 COMPANY Correspondent Name:

Address Line 1: INTELLECTUAL PROPERTY - LEGAL

Address Line 2: P. O. BOX 421959

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

ATTORNEY DOCKET NUMBER:	P66-00280US1
NAME OF SUBMITTER:	KYLE W. SHERRILL

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SIGNATURE:	/Kyle Sherrill #62130/			
DATE SIGNED:	06/04/2020			
Total Attachments: 16				
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source=P66_00280US1_A_Baldridge_DeclAssig_060420#page2.tif				
source=P66_00280US1_N_McDaniel_DeclAssign_060420#page1.tif				
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Docket No.: P66-00280US1

	Anthony O. Baldridge (inventor) declare that this declaration is directed to:		
X	United States Provisional Patent Application Serial No. 62/838,057 filed 04/24/2019		
X	X United States Non-Provisional Patent Application Serial No. 16/855,312 filed 04/22/2020		
	United States Continuation Patent Application Serial No. filed		
	International (PCT) Patent Application Serial No. filed		
	Prior Foreign Application No.:, Country, filed		
	Other (specify)		
	Direct all correspondence to the address associated with Customer No.: 105261 Title of the Invention		
	ISOMERIZATION AND CATALYTIC ACTIVATION OF		
	PENTANE-ENRICHED HYDROCARBON MIXTURES		

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.

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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.

Docket No.: P66-00280US1

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 reissue 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 jeopardize the validity of the application or any patent issued thereon.

Assignor
Inventor: Anthony O. Baldridge Residence: 5618 Nottingham Drive, Bartlesville, OK 74006
Signature Date: 5/18/70-20
Notarization
Executed this 18th day of YN in the year 2020  At 44th (city 11/10/2002) (State)
At Later Line (city Of Delance) (State)
State of Lila 12201th
County of CSAC
Who acknowledged the foregoing instrument to be a free act and deed and also represented that
who acknowledged the foregoing instrument to be a free act and deed and also represented that
ne or she is authorized to execute the same this \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
year 2020
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SCALL VICKI JO BULLEN
Notery Public, State of Okishoma Commission # 13003158
My Commission Expires 04-04-2021
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My Commission Expires:
<u> </u>
No. of the second secon

Assignee

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

Name: Kyle W. Sherrill, Ph.D.

Phillips 66 Company

Patent Agent and Attorney-in-Fact

Registration No.62,130

Mailing Address: P.O. Box 421959

Houston, Texas 77242-1959

United States of America

PATENT

REEL: 052834 FRAME: 0897

Docket No.: P66-00280US1

	Mest n: Inichattiel (tuvelitot) declare tust tuls decla			
Χ	United States Provisional Patent Application Ser	ial No. <u>62/838,05</u>	7 filed <u>04/24/2019</u>	
	United States Non-Provisional Patent Application			
X	United States Non-Provisional Patent Application Serial No. 16/855,312 filed 04/22/2020			
	United States Continuation Patent Application Se	erial No.	filed	
	International (PCT) Patent Application Serial No.		filed	
	Prior Foreign Application No.:	, Country	, filed	
	Other (specify)			
	Direct all correspondence to the address associa Title of th	nted with Custom ne invention	ər No.; <u>105261</u>	
	ISOMERIZATION AND CA	ATALYTIC ACTI	VATION OF	
	PENTANE-ENRICHED H	YDROCARBON:	MIXTURES	

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Docket No.: P66-00280US1

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Assignor	
Inventor: Neal D. McDaniel	Residence: 27251 N 3979 Dr. Ochelata, OK 74051
Signature: <u>////////////////////////////////////</u>	Citizenship: US Date: 5/18/28
	*
Notarization ( )	<i>a</i>
Executed 1898 /8 day of 1	Ousin the year 2020
AL ADAMBASCICIO (C	rity) / Ollaham (State)
State of Delation	
County of OSOL	
Before me personally appeared: 📉 🤟	(Lus D. SIIC Samus)
who acknowledged the foregoing instruc	ment to be a free act and deed and also represented that
he or she is authorized to execute the sai	me this <u>189</u> day of <u>IM</u> in the
year <u>20</u> 20	
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VICKLJO BULLEN	(Notary Public)
SEAL/public, State of Oklahoma  [SEAL/public, State of Oklahoma Commission # 13003156  Commission # 5201765 04-04-2021	
Commission # 13000 My Commission Expires 04-04-2021	
My Commission Expires:	
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Assignee	and and of the above before and retient most extrem
	signment of the above referenced patent application.  Mailing Address:
Name: Kyle W. Sherrill, Ph.D.	P.O. Box 421959
Phillips 66 Company	f.W. DUX 423307

Patent Agent and Attorney-in-Fact

Registration No.62,130

PATENT REEL: 052834 FRAME: 0899

Houston, Texas 77242-1959

United States of America

Docket No.: P66-00280USI

United States Non-Provisional Patent Applica United States Non-Provisional Patent Applica United States Continuation Patent Application	ation Serial No. <u>16/865,312 filed   04/22/2020</u>
International (PCT) Patent Application Senal	No. Hed
Prior Foreign Application No.:	Courtry Red
Other (specify)	

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Declaration (37	CFR 1.63)	for Utility	Patent A	pplication
and Assignment	of Rights,	Title and I	nterest in	Invention

Docket No.: P66-00280US1

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Lidectare 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 faise statements and the like so made are punishable by fine or imprisonment of not more than five (6) 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: James A. Suttil Residence	e: 864 County Road 3001, Bartlesville, OK 74003
Signature: Citizensh	nip: <del>US.   Date: 05/29/2020</del>
	Astralian
Notarization	
Executed this 29 day of MAY	in the year 2025
Notarization	TASMA (State)
State of PUSTRALIA	
County of	
Before me personally appeared: \(\sum_{\infty} \sigma_{\infty}\)	408 SOH1
who acknowledged the foregoing instrument to be	a free act and deed and also remesented that
he or she is authorized to execute the same this	29 day of MAY in the
year <u>LOLO</u>	1.74
	- <b>&amp;</b> 1
	(Notary Public)
[SEAL]	
Commissioner	r for Declarations
(ex-officio)	
City of Hobart	
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My Commission Expires:	
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	***************************************
Assignee	
Phillips 66 Company hereby accepts assignment of	of the shows relamined notices as will be
Name: Kyle W. Sherrill, Ph.D.	Mailing Address;
Phillips 66 Company	P.O. Box 421959
Basaka X aline ale a Standard to Fig. 1	1 37, 1914 461 737

Patent Agent and Attorney-in-Fact

Houston, Texas 77242-1959

Registration No.62,130

United States of America

Docket No.: P66-00280US1

Х	Jianhua Yao (irrventor) declare that this declaration is directed to:  United States Provisional Patent Application Serial No. 62/838,057 filed 04/24/2019
	United States Non-Provisional Patent Application submitted herewith, Docket No.:
Х	United States Non-Provisional Patent Application Serial No. 16/855,312 filed 04/22/2020
	United States Continuation Patent Application Serial No. filed
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	ISOMERIZATION AND CATALYTIC ACTIVATION OF
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Assignor		
Inventor: Jianhua Yao	Residence: 1532 Whitne	y Ln, Bartlesville, OK 74006
Signature:		Date: <u>5/22/20</u> 02.0
Notarization  Executed this 18 day of 4  At 1901/12/2017 (or State of 1902)  County of 1902 appeared: 1908 who acknowledged the foregoing instru	ntua Jan	
he or she is authorized to execute the sa year 2020	me this <u>IS</u> day o, ————————————————————————————————————	( <u>Ally</u> in the
ISEA MCKI JOBULLEN Notary Públic. State of Okiahoma Commission # 13003158 My Commission Expires 64-94-2021	( , sorting graphic	<b>~</b> }
My Commission Expires:		

### Assignee

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

Name: Kyle W. Sherrill, Ph.D.

Phillips 66 Company

Patent Agent and Attorney-in-Fact

Registration No.62,130

Mailing Address: P.O. Box 421959

Houston, Texas 77242-1959

United States of America

**REEL: 052834 FRAME: 0903** 

**PATENT** 

Docket No.: P66-00280USI

United States Continuation Patent Application Serial Nofiled
X United States Non-Provisional Patent Application Serial No. 16/855,312 filed 04/22/2020 United States Continuation Patent Application Serial No. filed filed
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Assignor		
Inventor: Edward C. Weintrob	Residence: <u>10728 N 146th F</u>	3 Ave. Owasso, OK 74055
Signature: 4 Ltt	Citizenship: US	_ Date: <u>4/30/2020</u>
Same.		
Notarization	× ,	
Executed this 30 day of Up	$\langle \gamma \rangle$ in the year $\partial$	020
Executed this 30 day of 40	cin) Octobona	(State)
State of QUANTINA		
Marinette of the San 12		
Before me personally appeared: LAW	ard Cilveintub	
who acknowledged the foregoing instru	ment to be a free act and deed	Land also represented that
he or she is authorized to execute the so	ame this <u>30</u> day of (	Lexi in the
year <u>2020</u>		*
	A Mari Lina	
	MONINA MINO	
	(Notary Public)	
YARALIWY \		
*( \$299.85 02,095.54 ) * )		
<b>(4</b> 00)		
My Commission Expires:		
2-16-202-4		
<u> </u>		

Assignee

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Houston, Texas 77242-1959

United States of America

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Х	United States Provisional Patent Application Serial No. 62/838,057 filed 04/24/2019	
	United States Non-Provisional Patent Application submitted herewith, Docket No.:	
Х	United States Non-Provisional Patent Application Serial No. 16/855,312 filed 04/22/2020	
	United States Continuation Patent Application Serial No filed	
	International (PCT) Patent Application Serial Nofiled	
	Prior Foreign Application No.:, Country, filed	
	Other (specify)	
Direct all correspondence to the address associated with Customer No.: 105261  Title of the Invention		
	ISOMERIZATION AND CATALYTIC ACTIVATION OF	
	PENTANE-ENRICHED HYDROCARBON MIXTURES	

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.

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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.

Docket No.: P66-00280US1

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 reissue 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 jeopardize the validity of the application or any patent issued thereon.

Assignor Inventor: Matthew J. Wulfers 1	Residence: <u>14171 N 62nd East Ave, C</u> ollinsville, OK 74021
	Citizenship: <u>US</u> <u>Date: শিশ্ব পি, ১০১০</u>
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who acknowledged the foregoing instrume	ent to be a free act and deed while also represented that
he or she is authorized to execute the sam	e this 1842 day of May in the
year <u>2020</u>	
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VICKI JO BULLEN	(Notary Public)
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My Commission Expires 04-04-2021	
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My Commission Expires:	
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Assignee	and the second of the second o
rumps of Company nereby accepts assi	gnment of the above referenced patent application.
Name: Kyle W. Sherrill, Ph.D.	Mailing Address:
Phillips 66 Company	P.O. Box 421959
Patent Agent and Attorney-in-Fact	Houston, Texas 77242-1959
Registration No.62,130	United States of America

Docket No.: P66-00280US1

1 Bruce B. Randolph (inventor) declare that this d	leclaration is directed to:
X United States Provisional Patent Application 8	Serial No. 62/838,057 filed 04/24/2019
United States Non-Provisional Patent Applica	tion submitted herewith. Docket No.:
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Assignor			
Inventor: Bruce B. Randolph	Residence: 2700 Roans	oke Ridge Road, Bartlesvil	lle: OK 74006
Signature: <u>Ansech Land</u>	Citizenship: <u>US</u>	Date: <u>05/26</u>	
Notarization  Executed this Alama day of At Alama State of Children County of County of Before me personally appeared:  who acknowledged the foregoing in the or she is authorized to execute the county of the coun	Drive B. Ka nstrument to be a free act ar	vear <u>2020</u> <u>Orre</u> (Stan <u>ALLAL</u> nd deed and also repre	te) esented that
he or she is authorized to execute to year 2028	ne same trus <u>AGFA</u> day	) of <u>V/Car</u>	in the
AND CANAL	(Notary Pu	D. Craca	<u>)                                    </u>
[SEAL] #01017333 EXP.11/10/2021	(rvotary r ti	one)	
OF OKUMANA			
My Commission Expires:			

### Assignee

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

Name: Kyle W. Sherrill, Ph.D.

Phillips 66 Company

Patent Agent and Attorney-in-Fact

Registration No.62,130

Mailing Address:

P.O. Box 421959

Houston, Texas 77242-1959

United States of America

Docket No.: P66-00280US1

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Assignor
Inventor: Maziat Sardashti Residence: 1003 Terrace View St, Timnath, CO 80547
Signature: North Sador Citizenship: US Date: 5/7/2020
Notarization  Executed this 7th day of NOW in the year 3030  At Fort Collins (city) Colova do (State)  State of Colova do  County of Lax (Mey  Before me personally appeared Maziax Saxdashti 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 7th day of May in the
vear 3030 in the
- Tura D New ton
LISA D NEWTON (Notary Public)  [SEAL] NOTARY PUBLIC  STATE OF COLORADO  NOTARY ID 20154021950  MY COMMISSION EXPIRES 06-03-2023
My Commission Expires: 6-3-2023
Assignee

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

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Mailing Address:

Phillips 66 Company

P.O. Box 421959

Patent Agent and Attorney-in-Fact

Houston, Texas, 77242-1959

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United States of America

PATENT REEL: 052834 FRAME: 0911

RECORDED: 06/04/2020