505450546 04/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5497347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL RADY	04/25/2019

RECEIVING PARTY DATA

Name:	PHILLIPS 66 COMPANDY
Street Address:	INTELLETUAL 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:	16391817

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: 832-765-1248

Email: rsclegalpsxip@p66.com

Correspondent Name: PHILLIPS 66 COMPANY INTELLECTUAL PROPERT

Address Line 1: P. O. BOX 421959

Address Line 4: HOUSTON, TEXAS 77242-1959

ATTORNEY DOCKET NUMBER:	P66-00401US
NAME OF SUBMITTER:	RICHARD Y. YUEN
SIGNATURE:	/richardyuen/
DATE SIGNED:	04/29/2019

Total Attachments: 2

source=P66_00401US_PRady_DeclAssign_042919#page1.tif source=P66_00401US_PRady_DeclAssign_042919#page2.tif

PATENT 505450546 REEL: 049023 FRAME: 0586

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

Docket No.: P66-00401US

United States Non-Provisional Patent Application United States Non-Provisional Patent Application	n Serial No. <u>16/</u>	<u>391,817 filed April 23, 2019</u>
United States Continuation Patent Application Se	erial No	filed
International (PCT) Patent Application Serial No.	**	filed
Prior Foreign Application No.:	, Country	filed
Other (specify)		

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.

PATENT REEL: 049023 FRAME: 0587

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

Docket No.: P66-00401US

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 faise 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 faise statements may jeopardize the validity of the application or any patent issued thereon.

Assignor		
Inventor: Paul Rady	Residence: 1302 Lake Grayson Dr.,	Katy, TX 77494
Signature: //S	Citizenship: US Date:	<u> 4/25/20</u> 1
A Manual Control of the Control of t		
Notarization AT	And the second	
Executed this $ abla \mathcal{J} = ext{day of } \underline{\zeta}$	$\frac{QWJ}{(circ)}$ in the year $\frac{2019}{4}$	
At	(city)	(State)
State of TISUS		
County of A/1/1/2		:
Before me personally appeared: $ ot \bot$	au Radu	
who acknowledged the foregoing in	strument to be a free act and deed and al.	so represented that
he or she is authorized to execute th	ne same this <u>ASH</u> day of <u>ADD</u>	in the
year <u>2014</u>	/	
	- 14 1010	
ATRICA COM	Jano	
PATRICIA MARINE	<u> </u>	
PEAL CANAL TO THE PARTY OF THE	(Notary Public)	
BEAL]	(Notary Public)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
EALL A	(Notary Public)	
SEAL]	(Notary Public)	
EAL)		
My Confidence:	(Notary Public)	

Assignee

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

Name: Richard Y. Yuen

Phillips 66 Company

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

Mailing Address:

P.O. Box 421959

Houston, Texas 77242-1959

United States of America

PATENT REEL: 049023 FRAME: 0588

RECORDED: 04/29/2019