505334288 02/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5381069

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOE BULLOCK	02/08/2019
BRIAN WORFOLK	02/01/2019
TAESHIK EARMME	02/08/2019
HUALONG PAN	02/14/2019
KATHY WOODY	01/28/2019

RECEIVING PARTY DATA

Name:	PHILLIPS 66 COMPANY
Street Address:	INTELLECTUAL PROPERTY - LEGAL
Internal Address:	P.O. BOX 420959
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77242-1959

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16254018

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

Address Line 1: INTELLECTUAL PROPERTY - LEGAL

Address Line 2: P.O. BOX 420959

Address Line 4: HOUSTON, TEXAS 77242-1959

ATTORNEY DOCKET NUMBER:	P66-00404US
NAME OF SUBMITTER:	RICHARD Y. YUEN
SIGNATURE:	/richardyuen/
DATE SIGNED:	02/19/2019

PATENT 505334288 REEL: 048366 FRAME: 0464

Total Attachments: 10 source=P66_00404US_JBullock_DeclAssign_021919#page1.tif source=P66_00404US_JBullock_DeclAssign_021919#page2.tif source=P66_00404US_BWorfolk_DeclAssign_021919#page1.tif source=P66_00404US_BWorfolk_DeclAssign_021919#page2.tif source=P66_00404US_TEarmme_DeclAssign_021919#page1.tif source=P66_00404US_TEarmme_DeclAssign_021919#page2.tif source=P66_00404US_HPan_DeclAssign_021919#page1.tif source=P66_00404US_HPan_DeclAssign_021919#page2.tif source=P66_00404US_KWoody_DeclAssign_021919#page1.tif source=P66_00404US_KWoody_DeclAssign_021919#page2.tif

Docket No.: P66-00404US

		54,018 filed January 22, 2019
ited States Continuation Patent Application Seri	ial No	filed
ernational (PCT) Patent Application Serial No		filed
or Foreign Application No.:	Country	, filed
ner (energy)		
	ernational (PCT) Patent Application Serial No or Foreign Application No.: ber (specify)	ernational (PCT) Patent Application Serial No or Foreign Application No.:, Country

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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.: P66-00404US

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: Joe Bullock ///	Residence: 3236 Boardwalk Co	urt, Bartlesville, OK 74006
Signature://_/	Citizenship: <u>US</u>	Date: 2/8/19
		STOREGISTER STOREGISTER STOREGISTER STOREGISTER STOREGISTER STOREGISTER STOREGISTER STOREGISTER STOREGISTER ST
Notarization	6 3	
Executed this $X^{(p)}$ day of A	Challes in the year I	019
	(city) Of Telegrape	(State)
State of Ollahoons		
County of USAGE		
Before me personally appeared:	DE BUllock	
who acknowledged the foregoing inst	fument to be a free act and deed a	nd also represented that
he or she is authorized to execute the .		
year <i>301</i> 5		
and the second s	- 21 / n-2	
		Wa.
VICKI JO BULLEN	(Notary Públic)	
Applacy Public, State of Oklahoma	00 % g	
Commission # 13003156 My Commission Expires 04-04-2021		
(Tark on the same of the same		
My Commission Expires:		
44-21		
3	*	
	***************************************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

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

Docket No.: P66-00404US

United States Non-Provisional Patent Application submitted herewith, Docket No.:United States Non-Provisional Patent Application Serial No. <u>16/254,018</u> filed <u>Januar</u>	<u>/ 22, 2019</u>
United States Continuation Patent Application Serial Nofiled	
 International (PCT) Patent Application Serial No. filed	
 Prior Foreign Application No.: , Country , filed	
 Other (specify)	

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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.

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Assignor	
Inventor: Brian Worfolk	Residence: 1638 S. Carson Ave., Apt. 201, Tulsa, OK 74119
Signature: Big W Dec	Citizenship: Canada Date: (2) / 01 / 2014
Notarization Executed this day of Leantle (ci State of Landy appeared: Sefore me personally appeared: Swho acknowledged the foregoing instrum	brusky in the year 9019

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

Docket No.: P66-00404US

	laeshik Earmme (inventor) declare triat triis declaration is directed to:
X	United States Provisional Patent Application Serial No. 62/623,290 filed 01/29/2018
	United States Non-Provisional Patent Application submitted herewith, Docket No.:
X	United States Non-Provisional Patent Application Serial No. 16/254,018 filed January 22, 2019
	United States Continuation Patent Application Serial Nofiled
	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
-[POLYMERS FOR ORGANIC PHOTOVOLTAICS

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Scanned With CamScanner REEL: 048366 FRAME: 0470

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Assignor
Inventor: Taeshik Earmme Residence: 3215 Boardwalk Ct. OK 74006
Signature: USA Date: 9/8/2019
Notarization An E
Executed this 8 day of Tobluary in the year 2019 At Some (city) WASHINGTON (State)
At SEATTLE (city) WASHINGTON (State)
State of
County of Ox 1 N/2
Before me personally appeared: TASSITY EARMINE
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 game day of foreign y in the
year <u>2019</u>
ATTO
Haum Hell w
SHAUNCEY STEPHEN (Notary Public)
[SEAL] Notary Public State of Washington
My Appointment Expires
Mar 19, 2021
Andrew Control of the
My Commission Expires:
March 19 Jol

Assignee

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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

Docket No.: P66-00404US

United States Non-Provisional Patent Application submitted he United States Non-Provisional Patent Application Serial No. 16	/254,018 filed January 22, 2019
 United States Continuation Patent Application Serial No.	filed
International (PCT) Patent Application Serial No.	filed
Prior Foreign Application No.:, Country	, filed
Other (specify)	11111111111111

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Assignor	
Inventor: Hualong Pan	Residence: 925 Lariat Drive, Bartlesville, OK 74006
Signature:	Citizenship: US Date: 02/14 (20)
State of <u>OKAAAAAA</u> County of <u>Lagueral</u> Before me personally appeared:	in the year 2019 (city) SOMOMOME (State) Flustory Pan rument to be afree act and deed and also represented that
he or she is authorized to execute the	same this <u>145</u> day of <u>Lefa Mas</u> , in the
year 2/9 VICKI JO BULLEN VICKI JO BULLEN VICKI JO BULLEN Commission & 13003156 My Commission Expires 04-04-2021	Micki S. Bulle. (Notary Dublic)
My Commission Expires:	
Assignce Phillips 66 Company hereby accepts Name: Richard Y. Yuen Phillips 66 Company Patent Attorney and Attorney-in-Fac Registration No. 65,287	assignment of the above referenced patent application. Mailing Address: P.O. Box 421959 Houston, Texas 77242-1959 United States of America

Docket No.: P66-00404US

X	United States Non-Provisional Patent Application Serial No. 16/254,018 filed January 22, 2019		
	United States Continuation Patent Application Serial No.	filed	
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	Other (specify)		

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Assignor	
Inventor: Kathy Woody Residence: 4219 F	airview Road, Bartlesville, OK 74006
Signature: Kath Word Citizenship: US	Date:/- Z.8-19
Notarization ,	
Executed this 1844 day of Alanciary in t	he year <u>2019 </u>
At Barlesille (city) Ohla	(State)
State of <u>(hlahoma</u>	
County of	
Before me personally appeared: Kalky Wood	44
who acknowledged the foregoing instrument 材 be a free ac	Pand deed and also represented that
he or she is authorized to execute the same this _&H_	day of January in the
year <u>III</u>	
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(Notary	y Public) <u>#0/0/7</u> 男男男
[SEAL]	
입어 이 사람이 없다면 하다 그 살아 있다면 하다 하는데 그 없다.	
My Commission Expires:	
11-10-2001	

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Phillips 66 Company

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

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PATENT REEL: 048366 FRAME: 0475

RECORDED: 02/19/2019