

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3917512

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATHY WOODY	04/17/2015
HUI HUANG	05/27/2015
TING HE	04/23/2015
RECEIVING PARTY DATA	
Name:	PHILLIPS 66 COMPANY
Street Address:	INTELLECTUAL PROPERTY - LEGAL
Internal Address:	P.O. BOX 4428
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77210
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14722409
CORRESPONDENCE DATA	
Fax Number:	(832)765-0109
<i>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.</i>	
Phone:	832-765-1248
Email:	rsclgalpsxip@p66.com
Correspondent Name:	PHILLIPS 66 COMPANY
Address Line 1:	INTELLECTUAL PROPERTY - LEGAL
Address Line 2:	P.O. BOX 4428
Address Line 4:	HOUSTON, TEXAS 77210
ATTORNEY DOCKET NUMBER:	P66-00154US
NAME OF SUBMITTER:	RICHARD Y. YUEN
SIGNATURE:	/richardyuen/
DATE SIGNED:	06/14/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	

source=P66_00154US_KWoody_DeclAssign_052715#page1.tif
source=P66_00154US_KWoody_DeclAssign_052715#page2.tif
source=P66_00154US_HHuang_DeclAssign_052715#page1.tif
source=P66_00154US_HHuang_DeclAssign_052715#page2.tif
source=P66_00154US_THe_DeclAssign_052715#page1.tif
source=P66_00154US_THe_DeclAssign_052715#page2.tif

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

Docket No.:
P66-00154US

I Kathy Woody (inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,178</u> filed <u>05/30/2014</u>
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No. _____
<input type="checkbox"/>	United States Non-Provisional Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	United States Continuation Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	International (PCT) Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	Prior Foreign Application No.: _____, Country _____, filed _____
<input type="checkbox"/>	Other (specify) _____

Direct all correspondence to the address associated with Customer No.: **105261**

Title of the Invention

COMPOSITIONS AND APPLICATIONS OF THREE COMPONENT BENZO[1,2-B:4,5-B]
DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED POLYMERS FOR
ORGANIC SOLAR CELLS

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, having a place of business at 3010 Briarpark Drive, Houston, Texas, 77042, USA (hereinafter referred to as "ASSIGNEE") 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

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

Docket No.:
P66-00154US

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.

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: Kathy Woody

Residence: 4219 Fairview Rd., Bartlesville, OK 74006

Signature: Kathy Woody

Citizenship: US

Date: 4-17-2015

Notarization

Executed this 17 day of April in the year 2015

At Bartlesville (city) Oklahoma (State)

State of Oklahoma

County of Washington

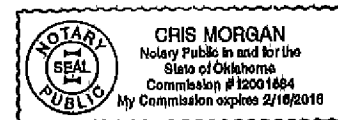
Before me personally appeared: Kathy Woody
who acknowledged the foregoing instrument to be a free act and deed and also represented that
he or she is authorized to execute the same this 17 day of April in the
year 2015.

Chris Morgan
(Notary Public)

[SEAL]

My Commission Expires:

2/16/2018



Assignee

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

Mailing Address:

Name: Phillips 66 Company

Richard Y. Yuen

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

P.O. Box 4428

Houston, Texas 77210

United States of America

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

Docket No.:
P66-00154US

I Hui Huang (inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,178</u> filed <u>05/30/2014</u>
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: _____
<input type="checkbox"/>	United States Non-Provisional Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	United States Continuation Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	International (PCT) Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	Prior Foreign Application No.: _____, Country _____, filed _____
<input type="checkbox"/>	Other (specify) _____

Direct all correspondence to the address associated with Customer No.: 105261

Title of the Invention

COMPOSITIONS AND APPLICATIONS OF THREE COMPONENT BENZO[1,2-B:4,5-B]
DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED POLYMERS FOR
ORGANIC SOLAR CELLS

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, having a place of business at: 3010 Briarpark Drive, Houston, Texas, 77042, USA (hereinafter referred to as "ASSIGNEE") 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

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

Docket No.:
P66-00154US

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.

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: Hui Huang Residence: 19A Yuquan Road, Shijingshan District, Beijing CN
Signature: [Signature] Citizenship: CN Date: May 27, 2015

Notarization

Executed this _____ day of _____ in the year _____
At _____ (city) _____ (State)

State of _____
County of _____

Before me personally appeared: _____
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 _____ day of _____ in the
year _____

(Notary Public)

[SEAL]

My Commission Expires: _____

Assignee

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

Name: Phillips 66 Company

Mailing Address: _____

Richard Y. Yuen

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

P.O. Box 4428

Houston, Texas 77210

United States of America

PATENT

REEL: 038911 FRAME: 0515

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

Docket No.:
P66-00154US

I Ting He (Inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,178</u> filed <u>05/30/2014</u>
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: _____
<input type="checkbox"/>	United States Non-Provisional Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	United States Continuation Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	International (PCT) Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	Prior Foreign Application No. _____, Country _____, filed _____
<input type="checkbox"/>	Other (specify) _____

Direct all correspondence to the address associated with Customer No.: **105261**

Title of the Invention

COMPOSITIONS AND APPLICATIONS OF THREE COMPONENT BENZO[1,2-B:4,5-B']
DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED POLYMERS FOR
ORGANIC SOLAR CELLS

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, having a place of business at 3010 Briarpark Drive, Houston, Texas, 77042, USA (hereinafter referred to as "ASSIGNEE") 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

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

Docket No.:
P66-00154US

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

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: Ting He Residence: 5821 Tallgrass Trail, Bartlesville, OK 74006
Signature: [Signature] Citizenship: USA Date: 4/23/15

Notarization

Executed this 23rd day of April in the year 2015
At Bartlesville (city) Oklahoma (State)
State of Oklahoma
County of Washington

Before me personally appeared: Ting He
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 23rd day of April in the year 2015



[Signature]
(Notary Public)

My Commission Expires:

4-4-17

Assignee

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

Mailing Address:

Name, Phillips 66 Company

Richard Y. Yuen

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

P.O. Box 4428

Houston, Texas 77210

United States of America