

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3918305

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KATHY WOODY	04/17/2015
HUI HUANG	05/27/2015
TING HE	04/23/2015
WEI WANG	04/20/2015
CHENJUN SUN	04/20/2015
YUE WU	04/20/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHILLIPS 66 COMPANY
<b>Street Address:</b>	INTELLECTUAL PROPERTY - LEGAL
<b>Internal Address:</b>	P.O. BOX 4428
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77210
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14722699
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	832-765-1248
<b>Email:</b>	rscllegalpsxp@p66.com
<b>Correspondent Name:</b>	PHILLIPS 66 COMPANY
<b>Address Line 1:</b>	INTELLECTUAL PROPERTY - LEGAL
<b>Address Line 2:</b>	P.O. BOX 4428
<b>Address Line 4:</b>	HOUSTON, TEXAS 77210
<b>ATTORNEY DOCKET NUMBER:</b>	P66-00153US
<b>NAME OF SUBMITTER:</b>	RICHARD Y. YUEN
<b>SIGNATURE:</b>	/richardyuen/
<b>DATE SIGNED:</b>	06/15/2016

PATENT

**Total Attachments: 12**

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source=P66\_00153US\_YWu\_DeclAssign\_061516#page1.tif  
source=P66\_00153US\_YWu\_DeclAssign\_061516#page2.tif

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

**Docket No.:**  
**P66-00153US**

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

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,161</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**

PROCESS OF MANUFACTURING AND APPLICATIONS OF A MULTI-COMPONENT BENZO[1,2-B:4,5-B'] DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED CONJUGATED 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.

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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, 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

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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: Kathy Woody

Residence: 4219 Fairview Rd., Bartlesville, OK 74006

Signature: Kathy Woody

Citizenship: US

Date: 4-17-2015

**Notarization**

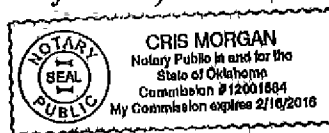
Executed this 17 day of April in the year 2015  
At Bartlesville (city) Oklahoma (State)

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

Cris Morgan  
(Notary Public)

[SEAL]



My Commission Expires:

2/16/2016

**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

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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: 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

Richard Y. Yuen

Patent Attorney and Attorney-in-Fact

Registration No. 65,287

Mailing Address:

P.O. Box 4428

Houston, Texas 77210

United States of America

**PATENT**

**REEL: 038915 FRAME: 0353**

**Declaration (37 CFR 1.63) for Utility Patent Application  
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**Docket No.:**  
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I Ting He (inventor) declare that this declaration is directed to:

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

**Notarization**

Executed this 23<sup>rd</sup> 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 23<sup>rd</sup> day of April in the year 2015



[Signature]  
(Notary Public)

My Commission Expires:

4-4-17

**Assignees:**

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

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**Docket No.:**  
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I Wei Wang (Inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,161</u> filed <u>05/30/2014</u>
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: _____
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**Title of the Invention**

**PROCESS OF MANUFACTURING AND APPLICATIONS OF A MULTI-COMPONENT BENZO[1,2-B:4,5-B'] DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED CONJUGATED POLYMERS FOR ORGANIC SOLAR CELLS**

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WHEREAS, Solarmer Energy, Inc, having a place of business at 3445 Fletcher Avenue, El Monte, CA 91731, 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.

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**Assignor**

Inventor: Wei Wang Residence: 1032 Arcadia Ave., Apt. A, Arcadia, CA 91007  
Signature: [Signature] Citizenship: CN Date: 04/20/2015  
W.W.

**Notarization**

Executed this 20<sup>th</sup> day of April in the year 2015  
At 31 Monte (city) California (State)

State of California  
County of LOS Angeles } s.s.

Before me personally appeared: Wei Wang  
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 20<sup>th</sup> day of April in the year 2015

David Ch'ou  
(Notary Public) DAVID CH'OU

[SEAL]



My Commission Expires:

Dec. 3<sup>rd</sup>, 2016

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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: Chenjun Shi Residence: 16604 Wegman Dr. La Puente, CA 91744  
Signature: [Signature] Citizenship: CN Date: 4/20/2015

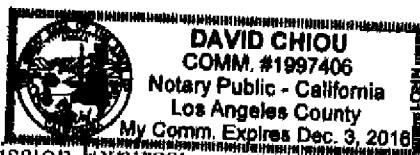
**Notarization**

Executed this 20<sup>th</sup> day of April in the year 2015  
At El Monte (city) California (State)

State of California  
County of Los Angeles } S.S.

Before me personally appeared: Chenjun Shi  
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 20<sup>th</sup> day of April in the year 2015

[SEAL]



My Commission Expires:

Dec. 3<sup>rd</sup>, 2016

David Chiou  
(Notary Public) DAVID CHIOU

<b>Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention</b>	<b>Docket No.:</b> <b>P66-00153US</b>
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I Yue Wu (inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>62/005,161</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**

PROCESS OF MANUFACTURING AND APPLICATIONS OF A MULTI-COMPONENT BENZO[1,2-B 4,5-B] DITHIOPHENE-THIENOTHIOPHENE RANDOMLY SUBSTITUTED CONJUGATED 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, Solarmer Energy, Inc, having a place of business at 3445 Fletcher Avenue, El Monte, CA 91731, 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.:**  
**P66-00153US**

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: Yue Wu

Signature: [Signature]

Residence: 181 N Gladys Ave, Unit D, San Gabriel, CA 91775

Citizenship: USA

Date: 4/20/2015

**Notarization**

Executed this 20<sup>th</sup> day of April in the year 2015

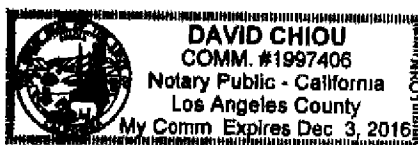
At Si Monte (city) California (State)

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County of Los Angeles } s s

Before me personally appeared: Yue Wu  
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[Signature]  
(Notary Public) DAVID CHIOU

[SEAL]



My Commission Expires:

Dec. 3<sup>rd</sup>, 2016