

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6720065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUALONG PAN	05/06/2021
KATHY WOODY	04/29/2021
BRIAN WORFOLK	05/12/2021
TAESHIK EARMME	05/14/2021
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:	17238523
CORRESPONDENCE DATA	
Fax Number:	(832)765-9875
<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:	8327651248
Email:	rsclgalpsxip@p66.com
Correspondent Name:	PHILLIPS 66 COMPANY
Address Line 1:	INTELLECTUAL PROPERTY - LEGAL
Address Line 2:	P.O. BOX 421959
Address Line 4:	HOUSTON, TEXAS 77242-1959
ATTORNEY DOCKET NUMBER:	P66-00277US.CIP1
NAME OF SUBMITTER:	RICHARD Y. YUEN
SIGNATURE:	/richardyuen/
DATE SIGNED:	05/20/2021
Total Attachments: 8	

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source=P66_00277US_CIP1_TEarmme_DeclAssign_052021#page2.tif

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

Docket No.:
P66-00277US.CIP1

I Hualong Pan (inventor) declare that this declaration is directed to:

- ☐ United States Provisional Patent Application Serial No. ____/____/____ filed ____/____/____
☐ United States Non-Provisional Patent Application submitted herewith, Docket No.: ____
☒ United States Non-Provisional Patent Application Serial No. 15/044,208 filed July 7, 2017
☒ United States Continuation-in-Part Patent Application Serial No. 17/238,523 filed April 23, 2021
☐ 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

UNSYMMETRICAL BENZOTHIADIAZOLE-BASED RANDOM COPOLYMERS

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.

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

Docket No.:
P66-00277US.CIP1

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.

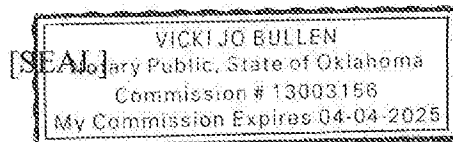
Assignor

Inventor: Hualong Pan Residence: 925 Lariat Drive, Bartlesville, OK 74006
Signature: [Signature] Citizenship: US Date: 5/6/2021

Notarization

Executed this 6th day of May in the year 2021
At Bartlesville (city) Oklahoma (State)
State of Oklahoma
County of DeWitt

Before me personally appeared: Hualong Pan
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 6th day of May in the year 2021



[Signature]
(Notary Public)

My Commission Expires:

4-4-25

Assignee

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

Name: Richard Y. Yuen

Mailing Address:

Phillips 66 Company

P.O. Box 421959

Patent Attorney and Attorney-in-Fact

Houston, Texas 77242-1959

Registration No. 65,287

United States of America

PATENT

REEL: 056299 FRAME: 0152

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

Docket No.:
P66-00277US.CIP1

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

<input type="checkbox"/>	United States Provisional Patent Application Serial No. ____/____/____ filed ____/____/____
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: _____
<input checked="" type="checkbox"/>	United States Non-Provisional Patent Application Serial No. <u>15/644,208</u> filed <u>July 7, 2017</u>
<input checked="" type="checkbox"/>	United States Continuation-in-Part Patent Application Serial No. <u>17/238,523</u> filed <u>April 23, 2021</u>
<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

UNSYMMETRICAL BENZOTHIADIAZOLE-BASED RANDOM COPOLYMERS

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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.

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

Docket No.:
P66-00277US.CIP1

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: 23415 Amoroso St., Richmond, TX 77406
Signature: Kathy Woody Citizenship: US Date: 4-29-2021

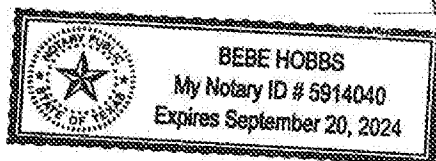
Notarization

Executed this 29 day of April in the year 2021
At Houston (city) Texas (State)
State of Texas
County of Harris

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 29 day of April in the
year 2021

BeBe Hobbs
(Notary Public)

[SEAL]



My Commission Expires:

09-20-2024

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: 056299 FRAME: 0154

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

Docket No.:
P66-00277US.CIP1

I Brian Worfolk (inventor) declare that this declaration is directed to:

<input type="checkbox"/>	United States Provisional Patent Application Serial No. ____/____/____ filed ____/____/____
<input type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: _____
<input checked="" type="checkbox"/>	United States Non-Provisional Patent Application Serial No. <u>15/644,208</u> filed <u>July 7, 2017</u>
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<input type="checkbox"/>	Other (specify) _____

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

Title of the Invention

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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

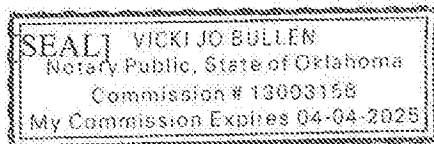
Inventor: Brian Worfolk Residence: 2545 E 6th St., Tulsa, OK 74104
Signature: [Signature] Citizenship: Canada Date: 5/12/21

Notarization

Executed this 12th day of May in the year 2021
At Bartlesville (city) Oklahoma (State)
State of Oklahoma
County of Osage

Before me personally appeared: Brian Worfolk
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 12th day of May in the year 2021

[Signature]
(Notary Public)



My Commission Expires:

4-4-25

Assignee

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

Name: Richard Y. Yuen

Mailing Address:

Phillips 66 Company

P.O. Box 421959

Patent Attorney and Attorney-in-Fact

Houston, Texas 77242-1959

Registration No. 65,287

United States of America

PATENT

REEL: 056299 FRAME: 0156

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

Docket No.:
P66-00277US.CIP1

I Taeshik Earmme (inventor) declare that this declaration is directed to:

- ☐ United States Provisional Patent Application Serial No. ____/____/____ filed ____/____/____
☐ United States Non-Provisional Patent Application submitted herewith, Docket No.: ____
☒ United States Non-Provisional Patent Application Serial No. 15/644,208 filed July 7, 2017
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☐ Other (specify) _____

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

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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: Taeshik Earmme Residence: Chungdam Daewoo Eurocounty 101-304, 10,
Signature: [Signature] Dosan-daero 92-gil, Gangnam-gu, Seoul, Republic of
Korea 06070
Citizenship: US Date: 11 MAY 2021

Notarization

Executed this 11 day of MAY 2021 in the year _____
At REPUBLIC OF KOREA (city) Seoul, Korea (State)

State of SPECIAL CITY OF SEOUL

County of EMBASSY OF THE

Before me personally appeared: TAESHIK EARMME XXX

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 11 day of MAY 2021 in the year _____

Seth Wyngowski
Vice Consul

(Notary Public)

My Commission Expires:

Indefinite

Assignee

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

Name: Richard Y. Yuen

Mailing Address:

Phillips 66 Company

P.O. Box 421959

Patent Attorney and Attorney-in-Fact

Houston, Texas 77242-1959

Registration No. 65,287

United States of America

PATENT

RECORDED: 05/20/2021

REEL: 056299 FRAME: 0158