# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the list of types of applications which claim priority to 61/540,320 previously recorded on Reel 028948 Frame 0088.  Assignor(s) hereby confirms the assignment of entire right, title and interest in the PATENT, together with all patents that may issue.	

# **CONVEYING PARTY DATA**

Name	Execution Date
Ting He	03/26/2013

# **RECEIVING PARTY DATA**

Name:	Phillips 66 Company
Street Address:	3010 Briarpark Drive
Internal Address:	PWC 8216
City:	Houston
State/Country:	TEXAS
Postal Code:	77042

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13610126

# **CORRESPONDENCE DATA**

**Fax Number**: 7132765555

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: Houston.IP@gardere.com
Correspondent Name: Teresa J. Lechner-Fish
Address Line 1: 1000 Louisiana, Suite 3400
Address Line 4: Houston, TEXAS 77002-5011

ATTORNEY DOCKET NUMBER:	138415-1038(P66-41851US)
NAME OF SUBMITTER:	Teresa J. Lechner-Fish
Signature:	/ Teresa J. Lechner-Fish /
Date:	04/22/2013 <b>PATENT</b>

502319413 REEL: 030276 FRAME: 0182

IOP \$40,00 13610126

# Total Attachments: 8

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# 7126

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

	Name	
- 31	Ting HE	07/31/2012

#### RECEIVING PARTY DATA

Name:	Phillips 66 Company
Street Address:	P.O. Box 4428
Internal Address:	Intellectual Property - Legal
City:	Houston
State/Country:	TEXAS
Postal Code:	77210

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13610126

# **CORRESPONDENCE DATA**

 Fax Number:
 7136506458

 Phone:
 8323697852

Email: patent@boulwarevaloir.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Boulware & Valoir

Address Line 1: Three Riverway, Suite 950
Address Line 4: Houston, TEXAS 77056

ATTORNEY DOCKET NUMBER:	P66: 41851US
NAME OF SUBMITTER:	Sparkle T Ellison

# Total Attachments: 4

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P66: 41851US (GT-5623)

# ASSIGNMENT

WHEREAS, I, Ting He (the "ASSIGNOR"), have invented the invention described in the patent application titled OPTIMIZATION OF BZCYYB SYNTHESIS, identified in attached Exhibit A (the "PATENT").

WHEREAS, Phillips 66 Company, Intellectual Property – Legal, P.o. Box 4428, Houston, Texas 77210, is desirous of acquiring an undivided right, title and interest in the PATENT (the "ASSIGNEE"), (ASSIGNOR and ASSIGNEE together the "PARTIES");

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby assign to ASSIGNEE our entire right, title and interest in the PATENT, together with all patents that may issue therefrom anywhere in the world;

AND I further agree to execute any powers of attorney, declarations, oaths and other documents that may be required to perfect such rights, title and interest in ASSIGNEE;

FURTHER the PARTIES hereby grant Boulware & Valoir the power to perfect and record this assignment and to insert on Exhibit A any further patent identification that may be necessary or desirable in order to record this assignment.

IN WITNESS WHEREOF, I have bereunt	to set my hand this <u>31</u>	day of July , 2012.	
호 경 경 경	Zmh		
	Ting HE		
State of Oklahoma § County of Washington §	r e		
Country of Washington §			
On this 31 day of Ju	.ly, 201	12 before me, a Notary Public	
person of the above name who signed the	personany appeared 1 m	ig he known by me to be the	
be his own free act and deed			3.5
	Ingle mo	为步	
Notary P	'ublic()	Angela McClini	iock
My Com	mission Expires:	State of Orbides Commission #1100 Explose	11000

Phillips 66 Company hereby acc	cepts this assignment on this 3/st day of 7/2
2012.	
\$ 2	
	Name: Richard Y. Yuen
	Title: Senior Counsel, Attorney-in-Fact
	Phillips 66 Company
State of	§
County of Hacris	§ S
en e	** / / / / / / / / / / / / / / / / / /
crace and county atoresaid, bels	2012 before me, a Notary Public in and for the onally appeared Ruhied VILLO known by me to be the
person of the above name who sibe his own free act and deed.	igned the foregoing instrument, and acknowledged the same to
	LI TUA
PATRICIA E, MOTIL	Notary Public
STATE OF TEXAS My Comm. Exp. July 30, 2013	My Commission Expires:
Notary Public STATE OF TEXAS By Comm. Exp. July 30, 2013	

P66: 41851US (GT-5623)

# Exhibit A:

APPLICATION NUMBER	FILING DATE	COUNTRY	TITLE
61/540,320	September 28, 2011	US	OPTIMIZATION OF BZCYYB SYNTHESIS
13/610126	September 11, 2012	US	OPTIMIZATION OF BZCYYb SYNTHESIS
3.			
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# UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 13, 2012

PTAS

BOULWARE & VALOIR THREE RIVERWAY, SUITE 950 HOUSTON, TX 77056 502058577

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/12/2012 REEL/FRAME: 028948/0088

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P66: 41851US

**ASSIGNOR:** 

HE, TING DOC DATE: 07/31/2012

ASSIGNEE:

PHILLIPS 66 COMPANY
P.O. BOX 4428
INTELLECTUAL PROPERTY - LEGAL
HOUSTON, TEXAS 77210

APPLICATION NUMBER: 13610126 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: OPTIMIZATION OF BZCYYB SYNTHESIS

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV PATENT REEL: 030276 FRAME: 0189

# CORRECTIVE ASSIGNMENT

WHEREAS, I, the undersigned inventor of, or joint inventor if more than one inventor is listed below (hereinafter referred to, whether one or more inventors, as "ASSIGNOR(S)"), have invented certain new and useful improvements, entitled

# OPTIMIZATION OF BZCYYb SYNTHESIS

for U.S. Patent Application Serial No. 13/610,126, filed on September 11, 2012, which claims priority to U.S. Provisional Patent Application Serial No. 61/540,320, filed on September 28, 2011 (collectively "Patent Applications"); and,

WHEREAS, Phillips 66 Company (hereinafter referred to as "ASSIGNEE"), with an address of 3010 Briarpark Drive, PWC 8216, Houston, TX 77042, U.S.A., desires to acquire my entire right, title and interest in and to said invention(s), and in and to the said application and any Letters Patent that may issue thereon, rely thereon, or claim priority therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) assign to ASSIGNEE, all right, title and interest in and to said invention(s), in and to said Patent Applications, all patent applications that may claim priority therefrom or rely thereon, all patents which may be granted therefor, or which may claim priority therefrom or rely thereon, including all divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions thereof, and all related materials, whether in tangible or intangible form, and including all notes, writings, notebooks, and related materials, and ASSIGNOR(S) authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention(s), or patents resulting therefrom, or claiming priority or relying thereon, insofar as ASSIGNOR(S)' interest is concerned, to ASSIGNEE.

ASSIGNOR(S) also assign to ASSIGNEE, all right, title and interest in and to the invention(s) disclosed in said Patent Applications throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said Patent Applications, and the right to file applications and obtain patents, utility models, industrial models and designs for said invention(s) in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention(s) and all rights to register said invention in appropriate registries, and ASSIGNOR(S) further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in ASSIGNEE.

ASSIGNOR(S) also hereby assign all rights, title and interest to any improvements related to said invention(s) to ASSIGNEE and agree to promptly and fully communicate to ASSIGNEE any facts and information known to them respecting any improvements related to said invention(s) and said Patent Applications while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said Patent Applications. ASSIGNOR(S) will maintain any such facts and information in confidence and will only reveal such facts and information to ASSIGNEE or its assigns. ASSIGNOR(S) will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths, declarations, and affidavits and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE to obtain and enforce proper protection for said invention(s) and said Patent Applications in all countries. ASSIGNOR(S) shall not communicate nor cooperate in any manner with any third party, other than ASSIGNEE, that claims any rights in and to said invention(s) and said Patent Applications.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

(Signature) _	700	7 h	Date	: 3/26/	_ 2013
Name:	Ting He			. ,	

STATE OF Ohlahoma )
COUNTY OF Washington )

BEFORE ME, the undersigned authority, on this 300 day of March 2013, personally appeared Ting He, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Officer Morgan

[SEAL]

CRIS MORGAN
Hotely Public in and by the
SEAL
State of Oktahoma
Commission #12001884
My Commission expires 2/16/2018