

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					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ting He</td> <td>03/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ting He	03/26/2013
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					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13610126</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13610126
Property Type	Number				
Application Number:	13610126				
CORRESPONDENCE DATA					
Fax Number:	7132765555				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
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				

OP \$40.00 13610126

Total Attachments: 8

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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 source=Assgn_COP41851_P66_signed#page1.tif source=Assgn_COP41851_P66_signed#page2.tif source=Assgn_COP41851_P66_signed#page3.tif source=Assgn_COP41851_P66_signed#page4.tif	

OP \$40.00 13610126

ASSIGNMENT

WHEREAS, I, Ting He (the "ASSIGNOR"), have invented the invention described in the patent application titled OPTIMIZATION OF BZCYB 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 hereunto set my hand this 31 day of July, 2012.

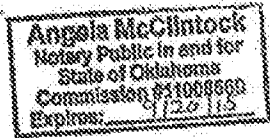
Ting HE
Ting HE

State of Oklahoma §
County of Washington §

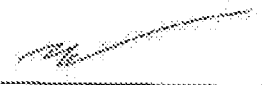
On this 31 day of July, 2012 before me, a Notary Public in and for the State and County aforesaid, personally appeared Ting HE known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed. --

Angela McClintock
Notary Public

My Commission Expires:
9/20/2015



Phillips 66 Company hereby accepts this assignment on this 31st day of July, 2012.


Name: Richard Y. Yuen

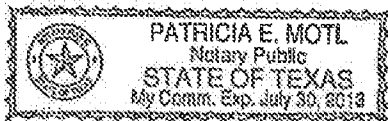
Title: Senior Counsel, Attorney-in-Fact

Phillips 66 Company

State of Texas §
County of Harris §

On this 31st day of July, 2012 before me, a Notary Public in and for the State and County aforesaid, personally appeared Richard Y. Yuen known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.





Notary Public
My Commission Expires: 7/30/2013

Exhibit A:

APPLICATION NUMBER	FILING DATE	COUNTRY	TITLE
61/540,320	September 28, 2011	US	OPTIMIZATION OF BZCYYb SYNTHESIS
13/610128	September 11, 2012	US	OPTIMIZATION OF BZCYYb SYNTHESIS



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 BZCYB SYNTHESIS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

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.

