

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2706324

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MADHU ANAND</td> <td>09/14/2011</td> </tr> <tr> <td>JIANHUA YAO</td> <td>08/29/2011</td> </tr> <tr> <td>EDWARD L. SUGHRUE II</td> <td>08/29/2011</td> </tr> </tbody> </table>		Name	Execution Date	MADHU ANAND	09/14/2011	JIANHUA YAO	08/29/2011	EDWARD L. SUGHRUE II	08/29/2011				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>PHILLIPS 66 COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>P. O. BOX 4428</td> </tr> <tr> <td>Internal Address:</td> <td>INTELLECTUAL PROPERTY - LEGAL</td> </tr> <tr> <td>City:</td> <td>HOUSTON</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77210</td> </tr> </table>		Name:	PHILLIPS 66 COMPANY	Street Address:	P. O. BOX 4428	Internal Address:	INTELLECTUAL PROPERTY - LEGAL	City:	HOUSTON	State/Country:	TEXAS	Postal Code:	77210
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Phone: 832-765-1248</p> <p>Email: rsclegalpsxp@p66.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: PHILLIPS 66 COMPANY</p> <p>Address Line 1: P. O. BOX 4428</p> <p>Address Line 2: INTELLECTUAL PROPERTY - LEGAL</p> <p>Address Line 4: HOUSTON, TEXAS 77210</p>													
NAME OF SUBMITTER:	KYLE W. SHERRILL												
Signature:	/kyle w. sherrill/												

Date:

01/30/2014

Total Attachments: 6

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Assignment of Rights, Title and Interest in Invention**Docket No.:**
41030US

As the below named inventor(s), I/we declare that this is an Assignment of the rights, title and interest in the following invention:

- ☒ *Rights, title and interest in the invention including United States applications and patents*
☒ *United States Provisional Patent Application Serial No. 61/444,004 filed 02/17/2011*
☒ *United States Utility Patent Application Serial No. _____ filed _____*
☐ *United States Patent No(s). _____*
☒ *Foreign rights, title and interest in the invention including international applications and patents*
☒ *International (PCT) Patent Application Serial No. _____ filed _____*
☐ *Other (specify) _____*

Title of the Invention

MoS₂ CATALYST FOR THE CONVERSION OF SUGAR ALCOHOL TO
HYDROCARBONS

Whereas, I/we, the below-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

I/we desire to assign our above-identified rights, title and interest in the Invention to the below-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I/we hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;


I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right title and interest thereto;

I/we agree to sign and execute all necessary and lawful documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Assignment of Rights, Title and Interest in Invention**Docket No.:**
41030US

I/we 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, 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.

Assignors

First Inventor: <u>Madhu Anand</u>	Residence: <u>5427 Cooper Ct., Bartlesville, OK 74006</u>
Signature: <u></u>	Citizenship: <u>IN</u> Date: <u>7/14/2011</u>
Second Inventor: <u>Jianhua Yao</u>	Residence: <u>1532 Whitney Lane, Bartlesville, OK 74006</u>
Signature: _____	Citizenship: <u>CA</u> Date: _____
Third Inventor: <u>Edward L. Sughrue, II</u>	Residence: <u>6468 Clear Creek Loop, Bartlesville, OK 74006</u>
Signature: _____	Citizenship: <u>US</u> Date: _____

Assignee**Name:** ConocoPhillips Company**Mailing Address:**600 North Dairy Ashford
Houston, Texas 77079-1175
United States of America

Assignment of Rights, Title and Interest in Invention**Docket No.:**
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First Inventor: <u>Madhu Anand</u>	Residence: <u>5427 Cooper Ct., Bartlesville, OK 74006</u>
Signature: _____	Citizenship: <u>IN</u> Date: _____
Second Inventor: <u>Jianhua Yao</u>	Residence: <u>1532 Whitney Lane, Bartlesville, OK 74006</u>
Signature: <u>[Signature]</u>	Citizenship: <u>CA</u> Date: <u>8/29/2011</u>
Third Inventor: <u>Edward L. Sughrue, II</u>	Residence: <u>6468 Clear Creek Loop, Bartlesville, OK 74006</u>
Signature: <u>[Signature]</u>	Citizenship: <u>US</u> Date: <u>8/29/2011</u>

Assignee**Name:** ConocoPhillips Company**Mailing Address:**600 North Dairy Ashford
Houston, Texas 77079-1175
United States of America**PATENT****REEL: 032096 FRAME: 0073**

Assignment of Rights, Title and Interest in Invention

Docket No.:
41030US

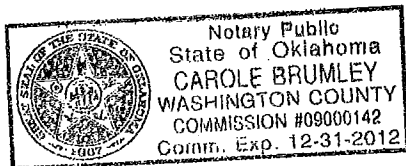
Notarization

Executed this 14 day of September in the year 2011
At Bartlesville (city) Oklahoma (State)
State of Oklahoma
County of Washington
Before me personally appeared
Maolhu Anand

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 14 day of September in the year
2011

Carole Brumley
(Notary Public)

[SEAL]



My Commission Expires:

12-31-2012

Assignment of Rights, Title and Interest in Invention

Docket No.:
41030US

Notarization

Executed this 29 day of Aug in the year 2011
At Bethsville (city) OK (State)
State of Oklahoma
County of Washington
Before me personally appeared
Jianhua Yao
Edward L. Sughrue II

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 29th day of Aug in the year
2011

Shanda Davis
(Notary Public)

[SEAL]



My Commission Expires:

7/18/15

Assignment of Rights, Title and Interest in Invention

Docket No.:
41030US

Notarization

Executed this 15th day of September in the year 2011

At Houston (city) Texas (State)

State of TEXAS

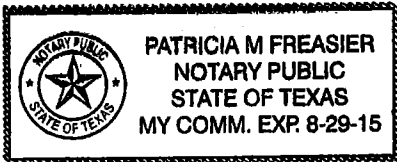
County of HARRIS

Before me personally appeared

Michael D. Berger

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 15th day of September in the year 2011

Patricia M. Freasier
(Notary Public)



[SEAL]

My Commission Expires:

8-29-2015