

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Stuart N. Milligan</td> <td>08/25/2011</td> </tr> <tr> <td>Ray L. Johnston</td> <td>08/25/2011</td> </tr> <tr> <td>Timothy L. Burden</td> <td>08/25/2011</td> </tr> <tr> <td>Wayne R. Dreher</td> <td>08/25/2011</td> </tr> <tr> <td>Kenneth W. Smith</td> <td>08/25/2011</td> </tr> <tr> <td>William F. Harris</td> <td>08/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	Stuart N. Milligan	08/25/2011	Ray L. Johnston	08/25/2011	Timothy L. Burden	08/25/2011	Wayne R. Dreher	08/25/2011	Kenneth W. Smith	08/25/2011	William F. Harris	08/25/2011
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>ConocoPhillips Company</td> </tr> <tr> <td>Street Address:</td> <td>600 N. Dairy Ashford</td> </tr> <tr> <td>Internal Address:</td> <td>ML 1065</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>77079</td> </tr> </table>		Name:	ConocoPhillips Company	Street Address:	600 N. Dairy Ashford	Internal Address:	ML 1065	City:	Houston	State/Country:	TEXAS	Postal Code:	77079		
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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>13208063</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13208063										
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Application Number:	13208063														
CORRESPONDENCE DATA															
Fax Number:	(281)293-2127														
Phone:	281/293-5523														
Email:	Legal-IP@conocophillips.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:	ConocoPhillips Company IP Services Group														
Address Line 1:	600 N. Dairy Ashford														
Address Line 2:	Bldg. ML-1065														
Address Line 4:	Houston, TEXAS 77079														

CH \$40.00 13208063

ATTORNEY DOCKET NUMBER:	34249CONT1
NAME OF SUBMITTER:	Richard Y. Yuen
Total Attachments: 5 source=34249US_Cont1_Assignment_032912#page1.tif source=34249US_Cont1_Assignment_032912#page2.tif source=34249US_Cont1_Assignment_032912#page3.tif source=34249US_Cont1_Assignment_032912#page4.tif source=34249US_Cont1_Assignment_032912#page5.tif	

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. ___/___/___ filed ___/___/___
 United States Utility Patent Application Serial No. 11/615,539 filed December 22, 2006
 United States Continuation Patent Application Serial No. 13/208,063 filed August 11, 2011
 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

DRAG REDUCTION OF ASPHALTENIC CRUDE OILS

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.:
34249US.Cont1

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>Stuart N. Milligan</u> Signature: <u><i>Stuart N. Milligan</i></u>	Residence: <u>78 Overcrest Road, Ponca City, OK 74604</u> Citizenship: <u>US</u> Date: <u>08/25/11</u>
Second Inventor: <u>Ray L. Johnston</u> Signature: <u><i>Ray L. Johnston</i></u>	Residence: <u>800 Michael Lane, Ponca City, OK 74604</u> Citizenship: <u>US</u> Date: <u>8/25/11</u>
Third Inventor: <u>Timothy L. Burden</u> Signature: <u><i>Timothy L. Burden</i></u>	Residence: <u>2400 Chapel Hill Road, Ponca City, OK 74604</u> Citizenship: <u>US</u> Date: <u>8/25/11</u>
Fourth Inventor: <u>Wayne R. Dreher</u> Signature: _____	Residence: <u>4802 Wayne Ct., College Station, TX 77845</u> Citizenship: <u>US</u> Date: _____
Fifth Inventor: <u>Kenneth W. Smith</u> Signature: <u><i>Kenneth W. Smith</i></u>	Residence: <u>302 Main Street, Tonkawa, OK 74653</u> Citizenship: <u>US</u> Date: <u>08/25/11</u>
Sixth Inventor: <u>William F. Harris</u> Signature: <u><i>William F. Harris</i></u>	Residence: <u>130 Elmwood Avenue, Ponca City, OK 74601</u> Citizenship: <u>US</u> Date: <u>8/25/11</u>

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.:
34249US.Cont1

Notarization

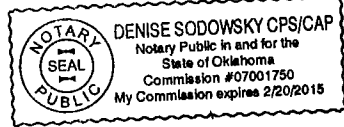
Executed this 25th day of August in the year 2011
At Ponca City (city) Oklahoma (State)
State of Oklahoma
County of Kay

Before me personally appeared
Stuart N Milligan, Kay L. Johnston,
Timothy L Burden, Kenneth W.
Smith and William F. Harris

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 25th day of August in the year 2011

Denise Sadowsky
(Notary Public)

[SEAL]



My Commission Expires:
2/20/2015

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.

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<i>Name: <u>ConocoPhillips Company</u></i>	<i>Mailing Address: <u>600 North Dairy Ashford</u></i>
_____	<i><u>Houston, Texas 77079-1175</u></i>
	<i><u>United States of America</u></i>

Notarization

Executed this 25th day of August in the year 2011
At Bryan (city) Texas (State)

State of Texas
County of Brazos

Before me personally appeared
Wayne Reid Dreher

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 25th day of August in the year 2011

Julia A. Odeski

(Notary Public)

[SEAL]



My Commission Expires:
8/22/12