

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Peter M. Eick</td> <td>07/12/2012</td> </tr> <tr> <td>Joel D. Brewer</td> <td>07/12/2012</td> </tr> <tr> <td>Charles C. Mosher</td> <td>08/06/2012</td> </tr> <tr> <td>Jun Cao</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Peter M. Eick	07/12/2012	Joel D. Brewer	07/12/2012	Charles C. Mosher	08/06/2012	Jun Cao	07/12/2012		
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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 North Dairy Ashford</td> </tr> <tr> <td>Internal Address:</td> <td>IP Services Group - Attn: Docketing</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>77079-1175</td> </tr> </table>		Name:	ConocoPhillips Company	Street Address:	600 North Dairy Ashford	Internal Address:	IP Services Group - Attn: Docketing	City:	Houston	State/Country:	TEXAS	Postal Code:	77079-1175
Name:	ConocoPhillips Company												
Street Address:	600 North Dairy Ashford												
Internal Address:	IP Services Group - Attn: Docketing												
City:	Houston												
State/Country:	TEXAS												
Postal Code:	77079-1175												
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>13482724</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13482724								
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Application Number:	13482724												
CORRESPONDENCE DATA													
Fax Number:	2812932127												
Phone:	281-293-2816												
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 Legal Department												
Address Line 1:	600 North Dairy Ashford (77079-1175)												
Address Line 2:	IP Services Group - Attn: Docketing												
Address Line 4:	Houston, TEXAS 77079-1175												
ATTORNEY DOCKET NUMBER:	41479												
NAME OF SUBMITTER:	Michael D. Berger												

CH \$40.00 13482724

Total Attachments: 5

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Assignment of Rights, Title and Interest in Invention	Docket No.: 41479US
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As the below named inventor(s), I/we declare that this is an Assignment of the rights, title and interest in the following invention:

<input checked="" type="checkbox"/>	<i>Rights, title and interest in the invention including United States applications and patents</i>
<input checked="" type="checkbox"/>	<i>United States Provisional Patent Application Serial No. <u>614910050</u> filed <u>27 May 2011</u></i>
<input checked="" type="checkbox"/>	<i>United States Utility Patent Application Serial No. <u>13/482,724</u> filed <u>29 May 2012</u></i>
<input type="checkbox"/>	<i>United States Patent No(s). _____</i>
<input checked="" type="checkbox"/>	<i>Foreign rights, title and interest in the invention including international applications and patents</i>
<input checked="" type="checkbox"/>	<i>International (PCT) Patent Application Serial No. <u>PCT/US12/39868</u> filed <u>29 May 2012</u></i>
<input type="checkbox"/>	<i>Other (specify) _____</i>

Title of the Invention

TWO-WAY WAVE EQUATION TARGETED DATA SELECTION FOR SEISMIC
ACQUISITION OF COMPLEX GEOLOGIC STRUCTURES

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.:
41479US

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>Peter M. Eieto</u>	Residence: <u>18207 Kelly Creek, Houston, TX 77094</u>
Signature: <u>[Signature]</u>	Citizenship: <u>US</u> Date: <u>7-12-2012</u>
Second Inventor: <u>Joel D. Brewer</u>	Residence: <u>514 Cypress Vista, Houston, TX 77094</u>
Signature: <u>[Signature]</u>	Citizenship: <u>US</u> Date: <u>7-12-2012</u>
Third Inventor: <u>Charles C. Mosher</u>	Residence: <u>5907 Saratoga Springs Ln., Houston, TX 77041</u>
Signature: <u>[Signature]</u>	Citizenship: <u>US</u> Date: <u>08-06-2012</u>
Fourth Inventor: <u>Jun Cao</u>	Residence: <u>15200 Park Row 825, Houston, TX 77084</u>
Signature: <u>[Signature]</u>	Citizenship: <u>CN</u> Date: <u>7/12/2012</u>

Assignee

Name: <u>ConocoPhillips Company</u>	Mailing Address: <u>600 North Dairy Ashford</u>
<u>Michael D. Berger</u> <u>08-06-2012</u>	<u>Houston, Texas 77079-1175</u>
	<u>United States of America</u>

PATENT
REEL: 028743 FRAME: 0663

Assignment of Rights, Title and Interest in Invention

Docket No.:

41479US

Notarization

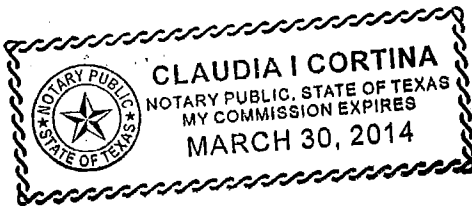
Executed this 12 day of July in the year 2012
At HOUSTON (city) TEXAS (State)

State of TEXAS
County of Harris

Before me personally appeared

Peter M. Eick
Joel D. Brewer
Jun Cao

who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 12 day of July in the year 2012



Claudia I. Cortina
(Notary Public)

[SEAL]

My Commission Expires:

Assignment of Rights, Title and Interest in Invention

Docket No.:
41479US

Notarization

Executed this 6th day of August in the year 2012

At Houston (city) Texas (State)

State of Texas

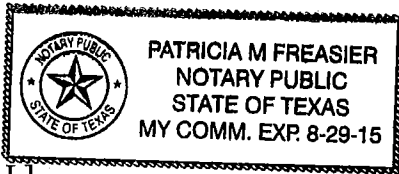
County of Harris

Before me personally appeared

Charles C. Mosher

who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute the same this 6th day of August in the year 2012.

Patricia M. Freasier
(Notary Public)



[SEAL]

My Commission Expires:

8/29/15

Assignment of Rights, Title and Interest in Invention

Docket No.:
41479US

Notarization

Executed this 06 day of August in the year 2012
At Houston (city) Texas (State)

State of Texas

County of Harris

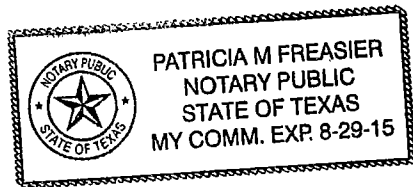
Before me personally appeared

Michael D. Berger

who acknowledged the foregoing instrument to be a free act and deed and also represented that he
is authorized to execute the same this 06 day of August in the year 2012

Patricia M. Freasier
(Notary Public)

[SEAL]



My Commission Expires:

August 29, 2015