

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael James Pyrcz</td> <td>08/12/2011</td> </tr> <tr> <td>Miriam S. Andres</td> <td>07/28/2011</td> </tr> <tr> <td>Frank William Harris III</td> <td>07/22/2011</td> </tr> <tr> <td>Marjorie Levy</td> <td>07/28/2011</td> </tr> <tr> <td>Paul Mitchell Harris</td> <td>07/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	Michael James Pyrcz	08/12/2011	Miriam S. Andres	07/28/2011	Frank William Harris III	07/22/2011	Marjorie Levy	07/28/2011	Paul Mitchell Harris	07/25/2011
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Chevron U.S.A. Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>6001 Bollinger Canyon Road</td> </tr> <tr> <td><b>City:</b></td> <td>San Ramon</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>94583</td> </tr> </table>		<b>Name:</b>	Chevron U.S.A. Inc.	<b>Street Address:</b>	6001 Bollinger Canyon Road	<b>City:</b>	San Ramon	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94583		
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (925)842-2056  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 925-842-1868        Email: klawrence@chevron.com        Correspondent Name: CHEVRON CORPORATION        Address Line 1: P.O. BOX 6006        Address Line 4: SAN RAMON, CALIFORNIA 94583-0806</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	T-8242												
<b>NAME OF SUBMITTER:</b>	Carlos L.Hanze												
Total Attachments: 6													

CH \$40.00 13170462

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**PATENT**  
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## ASSIGNMENT

WHEREAS, I / We,

Michael James Pyrcz	of	Humble, Texas
Miriam S. Andres	of	Oakland, California
Frank William Harris III	of	Danville, California
Marjorie Levy	of	Danville, California
Paul Mitch Harris	of	San Ramon, California

have invented new and useful improvements in

**"System And Method For Generating A Geostatistical Model Of A Geological Volume Of Interest That Is Constrained By A Process-Based Model Of The Geological Volume Of Interest"**

set forth in an application for Letters Patent of the United States bearing Serial No. 13/170,462 and filed on 6/28/2011, (the hereinafter named assignee being authorized to insert said Serial Number and filing date when ascertained); and

WHEREAS, *CHEVRON U.S.A. INC.*, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, said application, and in and to the Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued thereof in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said *CHEVRON U.S.A. INC.*, its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and I / We hereby covenant that we have full right to convey the entire interest herein assigned, and I / We have not executed, and will not execute, any agreement in conflict herewith and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify in any interference or legal proceedings involving said inventions, and sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension thereof.

In witness whereof, I / We have signed my / our name(s) on the date set forth below.

Inventor Signature: Michael James Pyrcz  
Inventor Name: Michael James Pyrcz

Date: Aug 12 / 2011

Witness Signature: Victor Pusca

Date: 8/12/2011

Witness Name: Victor Pusca

Inventor Signature: \_\_\_\_\_  
Inventor Name: Miriam S. Andres

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_  
Inventor Name: Frank William Harris III

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_  
Inventor Name: Marjorie Levy

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_  
Inventor Name: Paul Mitch Harris

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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Inventor Signature: \_\_\_\_\_  
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Inventor Name: Michael James Pyrcz

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: Miriam S. Andres

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: Frank William Harris III Date: 7-22-2011

Inventor Name: Frank William Harris III

Witness Signature: Julian Clark Date: 7-22-2011

Witness Name: JULIAN CLARK

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: Marjorie Levy

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: Paul Mitch Harris

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Title of the Invention: System And Method For Generating A Geostatistical Model Of A Geological Volume Of Interest That Is Constrained By A Process-Based Model Of The Geological Volume Of Interest  
Attorney Docket No.: T-8242

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Inventor Name: Michael James Pyrcz

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: Miriam S. Andres Date: 28<sup>th</sup> July 2011  
Inventor Name: Miriam S. Andres

Witness Signature: Julian Clark Date: 28<sup>th</sup> July 2011

Witness Name: JULIAN CLARK

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: Frank William Harris III

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: Marjorie Levy Date: 28 July 2011  
Inventor Name: Marjorie Levy

Witness Signature: Andrea Tildani Date: 28 JULY 2011

Witness Name: ANDREA TILDANI

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: Paul Mitch Harris

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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Paul <del>Mitch</del> Harris	of	San Ramon, California

*Mitchell 11/25/11*

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NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said *CHEVRON U.S.A. INC.*, its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

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Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: Marjorie Levy

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Inventor Signature: Paul Mitchell Harris Date: July 25, 2011

Inventor Name: Paul Mitchell Harris

Witness Signature: Beverly D. Reynolds Date: July 25, 2011

Witness Name: BEVERLY D. REYNOLDS

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_