

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>Oliver Charlesworth</td> <td>09/02/2013</td> </tr> <tr> <td>Tamas Nemeth</td> <td>08/28/2013</td> </tr> <tr> <td>Oliver Pell</td> <td>08/29/2013</td> </tr> <tr> <td>Thor Johnsen</td> <td>08/27/2013</td> </tr> <tr> <td>Peeter Akerberg</td> <td>08/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Oliver Charlesworth	09/02/2013	Tamas Nemeth	08/28/2013	Oliver Pell	08/29/2013	Thor Johnsen	08/27/2013	Peeter Akerberg	08/28/2013
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Tamas Nemeth	08/28/2013												
Oliver Pell	08/29/2013												
Thor Johnsen	08/27/2013												
Peeter Akerberg	08/28/2013												
RECEIVING PARTY DATA													
Name:	Chevron U.S.A. Inc.												
Street Address:	6001 Bollinger Canyon Road												
City:	San Ramon												
State/Country:	CALIFORNIA												
Postal Code:	94583												
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>14014824</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14014824								
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Application Number:	14014824												
CORRESPONDENCE DATA													
Fax Number:	9258422051												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	925-842-6455												
Email:	patents@chevron.com												
Correspondent Name:	CHEVRON CORPORATION												
Address Line 1:	P.O. BOX 6006												
Address Line 4:	SAN RAMON, CALIFORNIA 94583-0806												
ATTORNEY DOCKET NUMBER:	T-9378												
NAME OF SUBMITTER:	Marie L. Clapp												
Signature:	/Marie L. Clapp/												

CH \$40.00 14014824

Date:

09/09/2013

Total Attachments: 6

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ASSIGNMENT

WHEREAS, I / We,
Oliver Charlesworth of London, United Kingdom
Tamas Nemeth of San Ramon, California
Oliver Pell of London, United Kingdom
Thor Johnsen of Pleasanton, California
Peeter Akerberg of Walnut Creek, California

have invented new and useful improvements in

“UNIFIED APPLICATION FRAMEWORK FOR FINITE-DIFFERENCE MODELING”

set forth in an application for Letters Patent of the United States bearing Serial No. 14/014,824
and filed on 8/30/2013, (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;

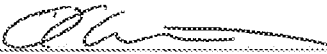
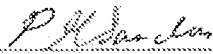
and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

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;


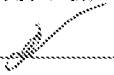
Title of the Invention: UNIFIED APPLICATION FRAMEWORK FOR FINITE-DIFFERENCE MODELING
Attorney Docket No.: T9378

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:  Date: 2/9/13
Inventor Name: Oliver Charlesworth
Witness Signature:  Date: 2/9/13
Witness Name: P. M. SANDERS

Inventor Signature: _____ Date: _____
Inventor Name: Tamas Nemeth
Witness Signature: _____ Date: _____
Witness Name: _____

Inventor Signature:  Date: 29 AUGUST 2013
Inventor Name: Oliver Pell
Witness Signature:  Date: 29 AUGUST 2013
Witness Name: Roman Divachy

Inventor Signature: _____ Date: _____
Inventor Name: Thor Johnsen
Witness Signature: _____ Date: _____
Witness Name: _____

Inventor Signature: _____ Date: _____
Inventor Name: Peeter Akerberg
Witness Signature: _____ Date: _____
Witness Name: _____

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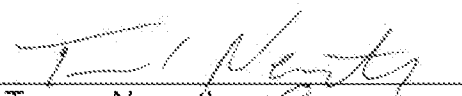
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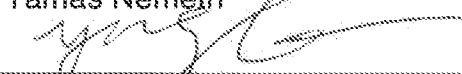
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Inventor Signature: _____ Date: _____
Inventor Name: Oliver Charlesworth

Witness Signature: _____ Date: _____

Witness Name: _____

Inventor Signature:  _____ Date: 08.28.2013
Inventor Name: Tamas Nemeth

Witness Signature:  _____ Date: 08.28.2013

Witness Name: Yang Luo

Inventor Signature: _____ Date: _____
Inventor Name: Oliver Pell

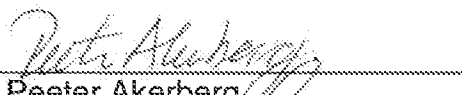
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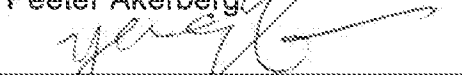
Witness Name: _____

Inventor Signature: _____ Date: _____
Inventor Name: Thor Johnsen

Witness Signature: _____ Date: _____

Witness Name: _____

Inventor Signature:  _____ Date: 8.28.2013
Inventor Name: Peeter Akerberg

Witness Signature:  _____ Date: 08.28.2013

Witness Name: Yang Luo

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Witness Signature: _____ Date: _____
Witness Name: _____

Inventor Signature: _____ Date: _____
Inventor Name: Tamas Nemeth

Witness Signature: _____ Date: _____
Witness Name: _____

Inventor Signature: _____ Date: _____
Inventor Name: Oliver Pell

Witness Signature: _____ Date: _____
Witness Name: _____

Inventor Signature: Thor John Date: 08/27/13
Inventor Name: Thor Johnsen

Witness Signature: Chao Shun Hu Date: 8/27/13
Witness Name: Chao Shun Hu

Inventor Signature: _____ Date: _____
Inventor Name: Peeter Akerberg

Witness Signature: _____ Date: _____
Witness Name: _____