

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Chengbing Liu	09/27/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Chevron U.S.A. Inc.
Street Address:	6001 Bollinger Canyon Road
City:	San Ramon
State/Country:	CALIFORNIA
Postal Code:	94583
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12880436
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(925)842-2056
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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
ATTORNEY DOCKET NUMBER:	T-8135 (HANZE)
NAME OF SUBMITTER:	Carlos L. Hanze
Total Attachments: 1 source=LIU_Assignment#page1.tif	

CH \$40.00 12880436

ASSIGNMENT

WHEREAS, I / We,

Chengbing Liu, of 25838 Westbourne Drive, Katy, Texas, 77494;

have invented new and useful improvements in

"SYSTEM AND METHOD FOR SWEET ZONE IDENTIFICATION IN SHALE GAS RESERVOIRS"

set forth in an application for Letters Patent of the United States bearing Serial No. 12/880,436 and filed on September 13, 2010 (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, and in and to the Letters Patent to be granted and issued therefor:


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, the said application and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent 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 which may be granted, 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 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 any 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   
Chengbing Liu

Date SEP 27, 2010

Witness 

Date Sept 27, 2010

Witness name KOK-THYE LIM