

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Seong H. Lee	08/27/2009
Hui Zhou	08/28/2009
Hamdi A. Tchelepi	08/28/2009
RECEIVING PARTY DATA	
Name:	Chevron U.S.A. Inc.
Street Address:	6001 Bollinger Canyon Road
City:	San Ramon
State/Country:	CALIFORNIA
Postal Code:	94583
Name:	Schlumberger Technology Corporation
Street Address:	5599 San Felipe, Suite 1700
City:	Houston
State/Country:	TEXAS
Postal Code:	77056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12551906
CORRESPONDENCE DATA	
Fax Number:	(713)754-2944
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713-754-2920
Email:	PATENTS@CHEVRON.COM
Correspondent Name:	CHEVRON SERVICES COMPANY LAW, INTELLECTU
Address Line 1:	P.O. BOX 4368
Address Line 4:	HOUSTON, TEXAS 77210-4368

CH \$40.00 12551906

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PATENT
REEL: 023178 FRAME: 0300

ATTORNEY DOCKET NUMBER:	T-7490
NAME OF SUBMITTER:	Christopher D. Northcutt
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

ASSIGNMENT

WHEREAS, We,

Seong H. Lee, of 2901 Buena Vista Way, Berkeley, California, 94708, U.S.A.;

Hui Zhou, of 367 Panama Street, 065 GESS, Stanford, California 94305, U.S.A.; and

Hamdi A. Tchelepi, of 1771 Valley View Avenue, Belmont, California 94002, U.S.A.

have invented new and useful improvements in

"INDIRECT-ERROR-BASED, DYNAMIC UPSCALING OF MULTI-PHASE FLOW IN POROUS MEDIA"

set forth in an application for Letters Patent of the United States bearing Serial No. _____ and filed on _____, 2009 (the hereinafter named assignee being authorized to insert said Serial Number and filing date when ascertained); and

WHEREAS, the "ENTITIES", listed in Schedule "A", are 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 therefore as outlined in Schedule "A";

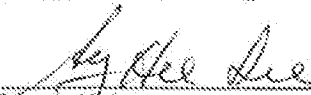
NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, hereby sell, assign, transfer and set over unto said ENTITIES, its successors and assigns, the entire right, title and interest in and to said invention, the said application and all divisions, continuations, 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 We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and 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 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, we have signed our name(s) on the date set forth below.

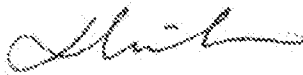
Inventor 
Seong H. Lee

Date 8/27/2009

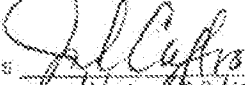
Witness 
Witness name Xian-Huan Wen

Date 8/27/2009

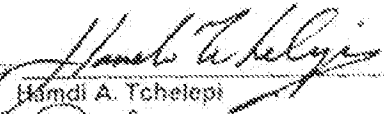
Attorney Docket No. T-7490

Inventor 
Rui Zhou

Date 8/28/2009

Witness 
Witness name Jaleen Castro

Date 8/28/2009

Inventor 
Hamdi A. Tchelepi

Date 8/28/2009

Witness 
Witness name Jaleen Castro

Date 8/28/2009

SCHEDULE "A"

CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having a business address at:

6001 Bollinger Canyon Road
San Ramon, California 94583

and

Schlumberger Technology Corporation, a corporation organized and existing under and by the laws of the State of Texas, having a business address at:

5599 San Felipe, Suite 1700
Houston, Texas, 77056, U.S.A

as tenants-in-common for the **United States of America only**.

CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having a business address at:

6001 Bollinger Canyon Road
San Ramon, California 94583

and

Schlumberger Canada Limited, a corporation organized and existing under and by the laws of Canada having a business address at:

625- 3rd Avenue S.W.
Calgary Alberta
Canada T2P 0G4

as tenants-in-common assignees for **Canada only**.

CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having a business address at:

6001 Bollinger Canyon Road
San Ramon, California 94583

and

Services Petroliers Schlumberger, a corporation organized and existing under and by the laws of France, having a business address at:

41 rue Saint Dominique
75007 Paris
France

as tenants-in-common assignees for **France only**.

Attorney Docket No. T-7490

CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having a business address at:

6001 Bollinger Canyon Road
San Ramon, California 94583

and

Logined B.V., a corporation organized and existing under and by the laws of the Netherlands, having a business address at:

Gevers Deynootweg 61
2586 BJ Den Haag
The Netherlands

as tenants-in-common assignees for the following countries:

Albania, Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Faroe Islands, Gabon, Germany, Great Britain, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Kyrgyzstan, Libya, Lithuania, Malaysia, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russian Federation, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Syria, Tajikistan, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.

CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having a business address at:

6001 Bollinger Canyon Road
San Ramon, California 94583

and

PRAD Research and Development Limited., a corporation organized and existing under and by the laws of the British Virgin Islands, having a business address at:

Craigmuir Chambers
Road Town, Tortola
British Virgin Islands

as tenants-in-common assignees for all other countries not designated otherwise above.

PATENT

RECORDED: 09/01/2009

REEL: 023178 FRAME: 0305