

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Raj Banerjee	09/04/2008
Michael Thambynayagam	09/08/2008
Jeffrey Spath	09/05/2008
Bobby Poe	08/27/2008
Lumay Vilorio	08/29/2008
Greg Grove	09/05/2008

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	5599 San Felipe
Internal Address:	Suite 1700
City:	Houston
State/Country:	TEXAS
Postal Code:	77056-2722

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12182885

CORRESPONDENCE DATA

Fax Number: (713)228-8778
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 713-228-8600
Email: bocchino@oshaliang.com
Correspondent Name: Robert P. Lord
Address Line 1: 1221 McKinney Street
Address Line 2: Suite 2800
Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER:

09469/115004; 110.0158-NP

PATENT

500659080

REEL: 021592 FRAME: 0205

OP \$40.00 12182885

NAME OF SUBMITTER:

Robert P. Lord

Total Attachments: 9

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PATENT

REEL: 021592 FRAME: 0206

ASSIGNMENT - WORLDWIDE

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below

Raj Banerjee, citizen of the United Kingdom, whose post office address is: 9 Knollys Close, Abingdon, Oxfordshire, OX14 1XN, United Kingdom;

Michael Thambynayagam, citizen of the United States of America, whose post office address is: 57 Inverrary Lane, Sugarland, Texas 77479;

Jeffrey Spath, citizen of the United States of America, whose post office address is: 9602 Oakland Lake Way, Missouri City, Texas 77459;

Bobby Poe, citizen of the United States of America, whose post office address is: 13502 Westport Lane, Houston, Texas 77079;

Lumay Vilorio, citizen of Venezuela, whose post office address is: 2815 Shallow Springs Ct., Manvel, Texas 77578;

Greg Grove, citizen of the United States of America, whose post office address is: 1522 Maryland St., Houston, Texas 77006;

Has/have invented certain new and useful improvements in

A METHOD FOR MANAGING PRODUCTION FROM A HYDROCARBON
PRODUCING RESERVOIR IN REAL-TIME

as described and set forth in a (1) provisional application in the United States of America, filed as Provisional Patent Application Number 60/953,449 on August 1, 2007 (File No. 09469/115001; 110.0158-PRV1); (2) provisional application in the United States of America, filed as Provisional Patent Application Number 60/956,070 on August 15, 2007 (File No. 09469/115002; 110.0158-PRV2); (3) provisional application in the United States of America, filed as Provisional Patent Application Number 61/027,801 on February 11, 2008 (File No. 09469/115003; 110.0158-PRV3); (4) an application for Letters Patent of the United States of America as US Application Serial Number 12/182,885 on July 30, 2008 (File No. 09469/115004; 110.0158-NP); and (5) a PCT application as Application Serial Number PCT/US08/71774 on July 31, 2008 (File No. 09469/115WO1; 110.0158-WO).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, the "COMPANIES", listed in Schedule "A", are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule "A";

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

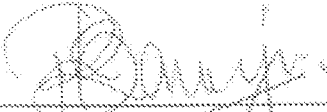
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANIES, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANIES, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANIES, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

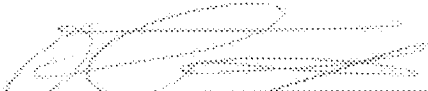
IN WITNESS WHEREOF, I, Raj Banerjee, have hereunto set my hand and seal
this 15 day of September, 2008.



(Signature of Raj Banerjee)

WITNESSED:

BE IT KNOWN that Raj Banerjee is to me known to be the individual described in the foregoing assignment, that on this 15 day of September, 2008, I was personally present and did see him sign and execute the foregoing assignment, and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.



Witness

Boris Samson
3 Arncott Road
Piddington
Oxon, OX25 1PS

Post Office Address

UK



Witness

SIEW HENG KHOR
27 ABBOTT ROAD
ABINGDON
OXON OX14 2DT, U.K.

Post Office Address

IN WITNESS WHEREOF, I, **Michael Thambynayagam**, have hereunto set my hand and seal this 08 day of September, 2008.



(Signature of **Michael Thambynayagam**)

State of TEXAS)

County of FT. BEND)

BEFORE ME this 08 day of SEPTEMBER, 2008, personally appeared **Michael Thambynayagam**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Notary Public

SEAL



IN WITNESS WHEREOF, I, **Jeffrey Spath**, have hereunto set my hand and seal
this 5th day of September, 2008.

Jeffrey Spath
(Signature of Jeffrey Spath)

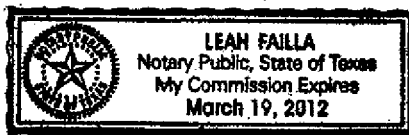
State of TEXAS)

County of FT. BEND)


BEFORE ME this 5th day of SEPTEMBER 2008, personally appeared **Jeffrey Spath**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Lean Failla
Notary Public

SEAL



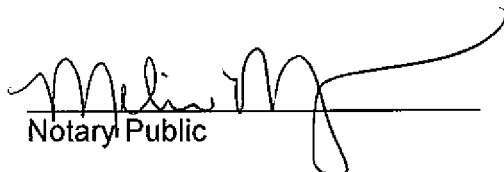
IN WITNESS WHEREOF, I, **Bobby Poe**, have hereunto set my hand and seal
this 27th day of August, 2008.


(Signature of **Bobby Poe**)

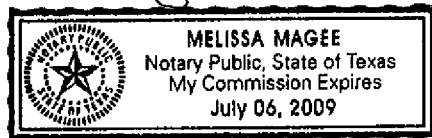
State of Texas)

County of Harris)

BEFORE ME this 27 day of August, 2008, personally appeared **Bobby Poe**,
to me known to be the person who is described in and who executed the foregoing
assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.


Notary Public

SEAL



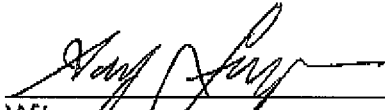
IN WITNESS WHEREOF, I, **Lumay Viloría**, have hereunto set my hand and seal
this 29 day of August, 2008.



(Signature of **Lumay Viloría**)

WITNESSED:

BE IT KNOWN that **Lumay Viloría** is to me known to be the individual described in the foregoing assignment, that on this 29 day of AUGUST, 2008, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.



Witness

ANDREW FERGUSON

CALLE 100 N°13-21

Piso 4

BOGOTÁ D.C Colombia

Post Office Address



Witness

Alexandro Ley

Calle 100 N°13-21

Piso 4

Bogotá D.C Colombia

Post Office Address

IN WITNESS WHEREOF, I, **Greg Grove**, have hereunto set my hand and seal
this 5th day of September, 2008.


(Signature of **Greg Grove**)

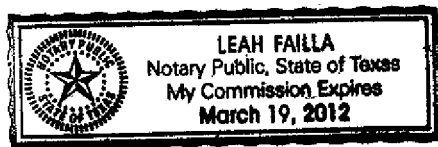
State of TEXAS)

County of HARRIS)

BEFORE ME this 5th day of SEPTEMBER, 2008, personally appeared **Greg Grove**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.


Notary Public

SEAL



SCHEDULE "A"

Schlumberger Technology Corporation, a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

as assignee for the United States

Schlumberger Canada Limited, a corporation duly organized, incorporated and existing under the laws of Canada and having a place of business at 525 – 3rd Ave. S.W., Calgary, Alberta, Canada T2P 0G4

as assignee for Canada

Services Petroliers Schlumberger, a corporation duly organized, incorporated and existing under the laws of France and having a place of business at 42, rue Saint Dominique, 75007 Paris, France

as assignee for France

Schlumberger Holdings Limited, a corporation duly organized, incorporated and existing under the laws of the British Virgin Islands and having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

as assignee for Bahrain, Japan, Kuwait, Netherlands, Netherlands Antilles, Oman, Qatar, Saudi Arabia, United Kingdom and United Arab Emirates

Schlumberger Technology B.V., a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Parkstraat 83-89, 2514 JG The Hague, The Netherlands

as assignee for Albania, Argentina, Armenia, Australia, Azerbaijan, Belarus, Brunei, Bulgaria, Chad, Colombia, Czech Republic, Denmark, Equatorial Guinea, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kyrgystan, Lithuania, Malaysia, Mexico, Moldova, Myanmar, New Zealand, Norway, Pakistan, Poland, Romania, Russian Federation, Slovakia, Slovenia, South Africa, Tajikistan, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uzbekistan and Venezuela.

PRAD Research and Development Limited, a corporation duly organized, incorporated and existing under the laws of the Netherlands Antilles and having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola BVI

as assignee for all other countries not designated above.