

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2755058

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>GABRIELA MORALES GERMAN</td> <td>10/10/2013</td> </tr> <tr> <td>RAFAEL NAVARRO ROSALES</td> <td>10/28/2013</td> </tr> <tr> <td>FRANCOIS XAVIER DUBOST</td> <td>11/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	GABRIELA MORALES GERMAN	10/10/2013	RAFAEL NAVARRO ROSALES	10/28/2013	FRANCOIS XAVIER DUBOST	11/04/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SCHLUMBERGER TECHNOLOGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>300 SCHLUMBERGER DRIVE</td> </tr> <tr> <td>City:</td> <td>SUGAR LAND</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77478</td> </tr> </table>		Name:	SCHLUMBERGER TECHNOLOGY CORPORATION	Street Address:	300 SCHLUMBERGER DRIVE	City:	SUGAR LAND	State/Country:	TEXAS	Postal Code:	77478
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Email: kdumas-scarber@slb.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: KRISTINE DUMAS-SCARBER</p> <p>Address Line 1: 10001 RICHMOND AVENUE</p> <p>Address Line 2: ROOM 4720</p> <p>Address Line 4: HOUSTON, TEXAS 77042</p>											
ATTORNEY DOCKET NUMBER:	IS12.2407-US-NP										
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER										
Signature:	/Kristine Dumas-Scarber/										
Date:	03/06/2014										

PATENT

Total Attachments: 6

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Assignment

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

Gabriela Morales German, a citizen of Mexico, residing at 6 lt 14 Col. Consejo Agararista, Mexicano C.P. 09760, Mexico City, MX;

Rafael Navarro Rosales, a citizen of Mexico, residing at 1 Impasse des Partolles, 64320 Lee, FR;

and

Francois Xavier Dubost, a citizen of France, residing at Residence Murano, Hall A, #1515 e Etage, 290 Avenue Theroigne de Mericourt 34000 Montpellier, FR;

Has/have invented certain new and useful improvements in

SHALE GAS PRODUCTION FORECASTING

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on June 14 2013, Serial No. 13/918249, (Docket No. IS12.2407-US-NP).

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 Effective as of June 20, 2013 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,

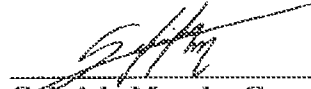
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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, **Gabriela Morales German**, have hereunto set my hand and seal
this 10 day of October, 2013.



Gabriela Morales German

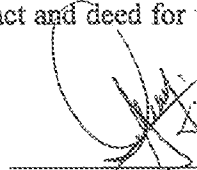
BE IT KNOWN that **Gabriela Morales German** is to me known to be the individual described
in the foregoing assignment, that on this 10 day of October, 2013, I was
personally present and did see him sign and execute the foregoing assignment; and, that he did
acknowledge to me that he executed the same as his free act and deed for the uses and purposes
therein set forth.



Witness Signature

Silvia Martha Sánchez Rabasa.

Printed Name



Witness Signature

Dulce Alejandra Gil Lopez

Printed Name

Ignacio Comonfort Oriente No 552

Paraiso Centro, CP 86605

Paraiso, Tabasco.

Post Office Address

Ignacio Comonfort Oriente No 552

Paraiso Centro, C.P. 86605


Paraiso, Tabasco.

Post Office Address

IN WITNESS WHEREOF I, **Rafael Navarro Rosales**, have hereunto set my hand and seal this 26th day of October, 2013.


Rafael Navarro Rosales

BE IT KNOWN that **Rafael Navarro Rosales** is to me known to be the individual described in the foregoing assignment, that on this 26th day of October, 2013, 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 Signature

TEGUE MANOAH Melaine
Printed Name

Base WOURI

PERENCO RIO DEL REY

BP 2214 DOUALA
Post Office Address


Witness Signature

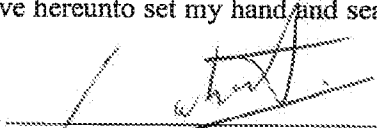
DIFFO KWETE JOSEPHINE ANGE
Printed Name

Base WOURI

PERENCO RIO DEL REY

BP 2214 DOUALA
Post Office Address

IN WITNESS WHEREOF I, **Francois Xavier Dubost**, have hereunto set my hand and seal this 4th day of November, 2013.



Francois Xavier Dubost

BE IT KNOWN that **Francois Xavier Dubost** is to me known to be the individual described in the foregoing assignment, that on this 4th day of November, 2013, 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 Signature

Allain Tietse Tiam
Printed Name

Ground Floor, Pemba House
Plot 369, Toure Drive, Oysterbay
Dar Es Salaam, TANZANIA
Post Office Address

Po Box 60081



Witness Signature

Jacob Brahmatu Lam
Printed Name

Ground Floor, Pemba House
Plot 369, Toure Drive, Oysterbay
Dar es Salaam, TANZANIA
Post Office Address

Po Box 60081

**Schedule A
"COMPANIES"**

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 300 Schlumberger Drive, Sugar Land, Texas 77478 United States of America
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

Logined B.V., a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Gevers Deynootweg 61, 2586 BJ S Gravenhage, The Netherlands
as assignee for Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, Bahrain, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Eurasia, EPO, Faroe Islands, Gabon, Germany, Great Britain, Greece, Gulf Cooperation Council, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.

PRAD Research and Development Limited, a corporation organized and existing under and by the laws of the British Virgin Islands, having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands
as assignee for all other countries not designated above.

