

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoscel Suarez</td> <td>12/27/2007</td> </tr> <tr> <td>Joel Le Calvez</td> <td>01/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yoscel Suarez	12/27/2007	Joel Le Calvez	01/02/2008
Name	Execution Date						
Yoscel Suarez	12/27/2007						
Joel Le Calvez	01/02/2008						
RECEIVING PARTY DATA							
Name:	Schlumberger Technology Corporation						
Street Address:	5599 San Felipe, Suite 1700						
City:	Houston						
State/Country:	TEXAS						
Postal Code:	77056-2722						
Name:	Schlumberger Canada Limited						
Street Address:	525 - 3rd Ave. S.W.						
City:	Calgary, Alberta						
State/Country:	CANADA						
Postal Code:	T2P 0G4						
Name:	Services Petroliers Schlumberger						
Street Address:	42, rue Saint Dominique						
City:	Paris						
State/Country:	FRANCE						
Postal Code:	75007						
Name:	Schlumberger Holdings Limited						
Street Address:	P..O. Box 71, Craigmuir Chambers						
City:	Road Town, Tortola						
State/Country:	VIRGIN ISLANDS, BRITISH						
Name:	Schlumberger Technology B.V.						
Street Address:	Parkstraat 83-89, 2514 JG						

CH \$40.00 11965150

City:	The Hague
State/Country:	NETHERLANDS

Name:	PRAD Research and Development Limited
Street Address:	P.O. Box 71, Craigmuir Chambers
City:	Road Town, Tortola
State/Country:	VIRGIN ISLANDS, BRITISH

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11965150

CORRESPONDENCE DATA

Fax Number: (972)385-7766
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (972) 385-8777
 Email: lsantos-cuadras@yeeiplaw.com
 Correspondent Name: Duke W. Yee
 Address Line 1: Yee & Associates, P.C.
 Address Line 2: P.O. Box 802333
 Address Line 4: Dallas, TEXAS 75380

ATTORNEY DOCKET NUMBER:	110.0121
-------------------------	----------

NAME OF SUBMITTER:	Brandon G. Williams
--------------------	---------------------

Total Attachments: 5
 source=1100121_FiledAssignment#page1.tif
 source=1100121_FiledAssignment#page2.tif
 source=1100121_FiledAssignment#page3.tif
 source=1100121_FiledAssignment#page4.tif
 source=1100121_FiledAssignment#page5.tif

ASSIGNMENT - WORLDWIDE

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

Yoscel Suarez, citizen of **Venezuela**, whose post office address is: **300 36th Avenue SW, Apartment 1316, Norman, Oklahoma 73072**;

Joel Le Calvez, citizen of **France**, whose post office address is: **301 Holleman Drive East, Apartment 821, College Station, Texas 77840**;

Has/have invented certain new and useful improvements in

IDENTIFYING THE Q-FACTOR USING MICROSEISMIC EVENT GENERATED S-CODA WAVES

as described and set forth in an application for Letters Patent of the United States of America, FILED by me/us on December 27, 2007 (File No. 110.0121).

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.

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, **Yoscel Suarez**, have hereunto set my hand and seal this day of December 27th, 2007.

Yoscel Suarez
(Signature of **Yoscel Suarez**)

State of Oklahoma)

County of Oklahoma)

BEFORE ME this 27th day of December, 2007, personally appeared **Yoscel Suarez**, 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.

Jamen Coco
Notary Public

SEAL

IN WITNESS WHEREOF, I, **Joel Le Calvez**, have hereunto set my hand and seal this day of JANUARY 2nd, 2008.

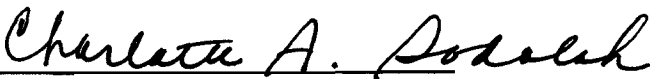


(Signature of **Joel Le Calvez**)

State of TEXAS)

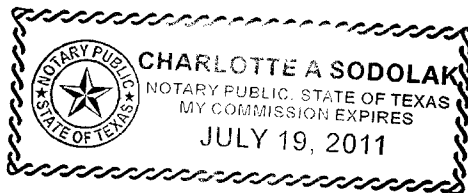
County of HARRIS)

BEFORE ME this 2 day of JANUARY, 2008, personally appeared **Joel Le Calvez**, 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, Kyrgyzstan, 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**