

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Back	02/13/2008
Daniel Fichter	02/22/2008
Doug MacDonald	02/13/2008
Peter Tyler	02/13/2008
Roger Gallant	02/13/2008
Dave Mason	02/13/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	60880844
Application Number:	12015496
PCT Number:	US0851338

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: hernandez@oshaliang.com

Correspondent Name: Robert P. Lord

Address Line 1: 1221 McKinney, Suite 2800

Address Line 4: Houston, TEXAS 77010

PATENT

REEL: 020560 FRAME: 0984

500472649

OP \$120.00 60880844

ATTORNEY DOCKET NUMBER:

09469/132001; 94.0143

NAME OF SUBMITTER:

Mona Hernandez

Total Attachments: 10

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PATENT AND TRADEMARK OFFICE

**ASSIGNMENT**

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

**Michael Back**, citizen of **Canada**, whose post office address is: 731 - 26 Avenue N.W., Calgary, Alberta, T2M 2E8, Canada;

**Daniel Fichter**, citizen of **Canada**, whose post office address is: 73 Meadowview Rd. S.W., Calgary, Alberta, T2V 1W2, Canada;

**Doug MacDonald**, citizen of **Canada**, whose post office address is: 321 7 Avenue N.E., Calgary, Alberta, T2E 0N1, Canada;

**Peter Tyler**, citizen of **Canada**, whose post office address is: 136 Sienna Park Dr. S.W., Calgary, Alberta, T3H, Canada;

**Roger Gallant**, citizen of **Canada**, whose post office address is: 160 Cedarbrook Way S.W., Calgary, Alberta, T2W 4R5, Canada;

**Dave Mason**, citizen of **United Kingdom**, whose post office address is: 8 Dellfield Close, Watford, WD174LB, United Kingdom;

Have invented certain new and useful improvements in

**METHOD OF PERFORMING INTEGRATED OILFIELD OPERATIONS**

as described and set forth in (1) a provisional application in the United States of America, filed as Provisional Patent Application Number 60/880,844 on January 17, 2007 (File No. 94.0143-PRV); (2) an application for letters patent filed in the United States as US Application Serial No.: 12/015,496 on January 16, 2008 (File No. 09469/132001; 94.0143); and (3) a PCT application filed with the PCT Receiving Office as PCT Application Number PCT/US08/51338, on January 17, 2008 (File No. 09469/132WO1; 94.0143-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, **Michael Back**, have hereunto set my hand and seal this 13<sup>th</sup> day of February, 2008.

  
(Signature of **Michael Back**)

WITNESSED:

BE IT KNOWN that Michael Back is to me known to be the individual described in the foregoing assignment, that on this 13<sup>th</sup> day of February, 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

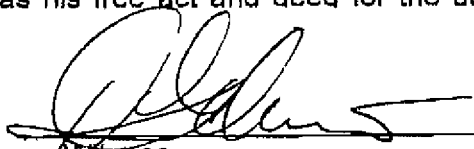
321 7 AVE NE

CALGARY AB

T2E 0N1

CANADA.

Post Office Address

  
Witness

160 Cedarbrook Way Sw

Calgary AB

T2W 4R5

Canada.

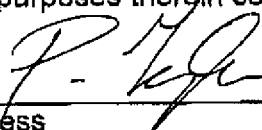
Post Office Address

IN WITNESS WHEREOF, I, Daniel Fichter, have hereunto set my hand and seal this day of Feb 22, 2008.

  
(Signature of Daniel Fichter)

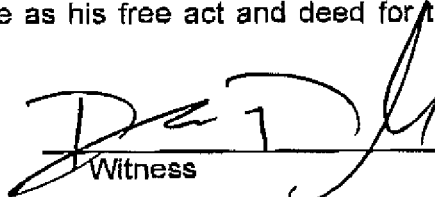
## WITNESSED:

BE IT KNOWN that Daniel Fichter is to me known to be the individual described in the foregoing assignment, that on this 22 day of Feb, 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

Peter Tyle  
136 Sienna Park dr S.W.  
Calgary AB T3H-5H5

Post Office Address

  
Witness

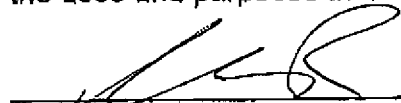
Doug MacDonald  
321 7 Ave NE  
CALGARY AB  
T2E 0N1  
Post Office Address

IN WITNESS WHEREOF, I, Doug MacDonald, have hereunto set my hand and seal ~~12th~~  
this 13 day of FEB, 2008.

  
(Signature of Doug MacDonald)

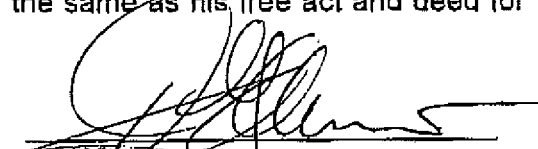
## WITNESSED:

BE IT KNOWN that Doug MacDonald is to me known to be the individual described in the foregoing assignment, that on this 13<sup>th</sup> day of February, 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

731 26th Ave NW  
Calgary AB  
T2M 2E8

Post Office Address

  
Witness

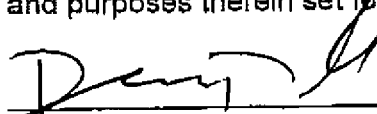
160 Cedarbrook Way SW  
Calgary, AB  
T2W 4R5  
Canada  
Post Office Address

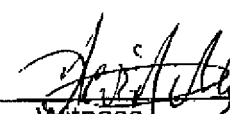
IN WITNESS WHEREOF, I, **Peter Tyler**, have hereunto set my hand and seal this 13  
day of Feb, 2008.

  
(Signature of Peter Tyler)

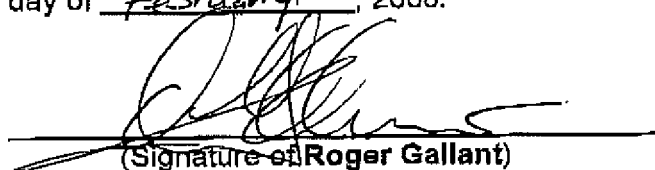
## WITNESSED:

BE IT KNOWN that Peter Tyler is to me known to be the individual described in the foregoing assignment, that on this 13 day of FEBRUARY, 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  
321 7 Ave NE  
CALGARY AB  
T2E 0V1  
CANADA  
Post Office Address

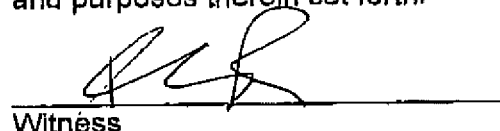
  
Witness  
#407,838-19th Ave SW  
CALGARY AB  
T2T 6M2  
CANADA  
Post Office Address

IN WITNESS WHEREOF, I, **Roger Gallant**, have hereunto set my hand and seal this 13<sup>th</sup> day of February, 2008.

  
(Signature of **Roger Gallant**)

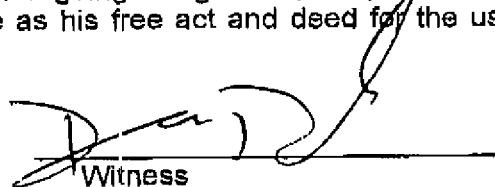
## WITNESSED:

BE IT KNOWN that Roger Gallant is to me known to be the individual described in the foregoing assignment, that on this 13<sup>th</sup> day of February, 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

731 26th Ave NW  
Calgary, AB  
T2M 2E8

Post Office Address

  
Witness

321 7 Ave NE  
CALGARY AB  
T2E 0N1  
CANADA

Post Office Address

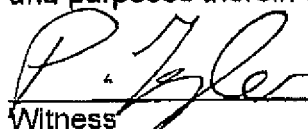
IN WITNESS WHEREOF, I, Dave Mason, have hereunto set my hand and seal this day of 13<sup>th</sup> February, 2008.



(Signature of Dave Mason)

WITNESSED:

BE IT KNOWN that Dave Mason is to me known to be the individual described in the foregoing assignment, that on this 13 day of Feb, 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.



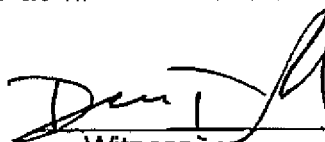
Witness

136 Sierra Park dr

Calgary AB

T3H-5H5

Post Office Address



Witness

321 7 Ave NE

CALGARY AB

T2E 0M1

CANADA.

Post Office Address

**SCHEDULE "A"**

**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 assignee for the **United States of America**

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

525- 3<sup>rd</sup> Avenue S.W.  
Calgary Alberta  
Canada T2P 0G4

as assignee for **Canada**.

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

42 rue Saint Dominique  
75007 Paris  
France

as assignee for **France**

**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 assignee 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.**

**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:

P.O. Box 71  
Craigmuir Chambers  
Road Town, Tortola  
British Virgin Islands

as assignee for all other countries not designated otherwise above.