

## PATENT ASSIGNMENT

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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>Vijaya Halabe</td><td>04/14/2008</td></tr><tr><td>Richard Torrens</td><td>06/09/2008</td></tr></tbody></table>	Name	Execution Date	Vijaya Halabe	04/14/2008	Richard Torrens	06/09/2008	
Name	Execution Date						
Vijaya Halabe	04/14/2008						
Richard Torrens	06/09/2008						
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: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12105104</td></tr></tbody></table>	Property Type	Number	Application Number:	12105104			
Property Type	Number						
Application Number:	12105104						
CORRESPONDENCE DATA							
Fax Number:	(713)228-8778						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Email:	hathaway@oshaliang.com						
Correspondent Name:	Robert P. Lord						
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ATTORNEY DOCKET NUMBER:	09469/089002; 94.0151						
NAME OF SUBMITTER:	Robert P. Lord						
Total Attachments: 6 source=09469_089002_Assignment#page1.tif source=09469_089002_Assignment#page2.tif source=09469_089002_Assignment#page3.tif							

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PATENT

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## A S S I G N M E N T

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

Vijaya Halabe, citizen of the United States of America, whose post office address is: 36 Inkerman Close, Abingdon, OX14 1NH, United Kingdom;

Richard Torrens, citizen of the United Kingdom, whose post office address is: 36 Hillside, Whitchurch, Hampshire, RG28 7SN, United Kingdom;

Has/have invented certain new and useful improvements in

### SYSTEM AND METHOD FOR OILFIELD PRODUCTION OPERATIONS

as described and set forth in an application for Letters Patent of the United States of America, executed by me/us on April 17, 2008, as United States Application No. 12/105,104 (Docket No. 09469/089002; 94.0151).

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, **Vijaya Halabe**, have hereunto set my hand and seal this 14 day of April, 2008.

Vijaya Halabe  
(Signature of **Vijaya Halabe**)

WITNESSED:

BE IT KNOWN that **Vijaya Halabe** is to me known to be the individual described in the foregoing assignment, that on this 14 day of April, 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.

Raj Banerjee  
Witness  
Raj Banerjee  
9 Knollys Close  
Abingdon OX14 1XN  
UK  
Post Office Address


Kuldeep Bishnoi  
Witness  
KULDEEP BISHNOI  
16 LADYGROVE COURT  
ABINGDON OX14 5D3  
UK  
Post Office Address

IN WITNESS WHEREOF, I, Richard Torrens, have hereunto set my hand and seal this 9 day of ~~April~~ <sup>June</sup>, 2008.

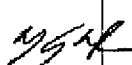
  
(Signature of Richard Torrens)

WITNESSED:

BE IT KNOWN that Richard Torrens is to me known to be the individual described in the foregoing assignment, that on this 9 day of ~~April~~ <sup>June</sup>, 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 Conrad Gier  
600, 322 - 11 Ave. SW  
Calgary, AB Canada T2R 0C5

Post Office Address

  
Witness  
T.G. TONKIN  
12 MONTENARO BAY  
COCHRANE AB  
CANADA T4C 0A5  
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.