PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT					
NATURE OF CONVEYANC	E:	ASSIGNMENT				
CONVEYING PARTY DATA						
	1	Execution Date				
Alexander LUKYANOV			06/17/2009			
Ali FADILI			06/12/2009			
David BROWNING			06/17/2009			
Mark WAKEFIELD		06/17/2009				
RECEIVING PARTY DATA						
Name: Schlu	Schlumberger Technology Corporation					
Street Address: 300	300 Schlumberger Drive					
	Sugar Land					
State/Country: TEX	TEXAS					
Postal Code: 7747	77478					
Property Type		Number				
Application Number:	6107	7440				
Application Number:	1249					
CORRESPONDENCE DATA	JL					
	(713)513-2056 t via US Mail v	hen the fax attempt is unsuccessful.				
	713-513-2604					
Email: jalverson@slb.com						
Correspondent Name: Janice K. Alverson						
Address Line 1: 5599 San Felipe						
Address Line 4:	Houston, TEX	AS 77056				
ATTORNEY DOCKET NUMBER:		94.0202				
NAME OF SUBMITTER:		Bryan P. Galloway		_		
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Total Attachments: 7						
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Assignment

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

ALEXANDER LUKYANOV, a citizen of Russia, residing at 10 Juniper Court, Abingdon OX14 5UB United Kingdom;

ALI FADILI, a citizen of France, residing at 20 Overmead, Abingdon OX14 5NB United Kingdom;

DAVID BROWNING, a citizen of the United Kingdom, residing at Abraxas, Knobfield, Abinger Hammer, Dorking, Surrey RH5 6RJ United Kingdom;

and

MARK WAKEFIELD, a citizen of the United Kingdom, residing at 8 Oxford Road, Abingdon OX14 2DS United Kingdom;

Has/have invented certain new and useful improvements in

MODELING THE NONLINEAR HYSTERESIS RESPONSE OF RESERVOIR MEDIA

as described and set forth in a United States Provisional Patent Application filed on July 1, 2008 under Serial Number 61/077440, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on June 25, 2009, Serial No.12/491316, (Docket No. 94.0202).

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 July 1, 2008**, 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-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 V	WHEREOF LALEXAN	DER LUKYANOV, ha	ve hereunto set my	hand and seal
this 17 22	day of JUML	2.009	· · · ·	
GGD making	any or an every serve		<i>.</i>	and the second se

(signature of Inventor)

BE IT KNOWN that ALEXANDER LUKYANOV is to me known to be the individual described in the foregoing assignment, that on this 17 day of 3000, 3000, 1000, 2000, 1 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.

<u>to a control</u>

Witness

56 ELLIGTTS WAY

CAVERSHAM, READING

<u>BERKSHIRE RG44- 8BF</u>

Post Office Address

Ser 6x

FLAT 29 SAXON HOUSE

AVELIARD DRIVE

STEVENAGE

HERTFORDSHIPE \$42 SUY Post Office Address

(Docket Number 94.0202)

IN WITNESS WHEREOF I, ALI FADILI, have hereunto set my hand and seal this 12 day of June, 2009.

(signature of Inventor)

BE IT KNOWN that ALI FADILI is to me known to be the individual described in the foregoing assignment, that on this 12 day of J_{UME} , 2003, 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.

TONG CHUR YI Witness 27 Chesterment hay Reaching Rab Centh Witness

U.1C.

Post Office Address

74 ALEXANDER CLOSE

ABINGDON

 $\frac{\partial X14}{\text{Post Office Address}}$

(Docket Number 94.0202)

IN WITNESS WHEREOF 1, DAVID BROWNING, have hereunto set my hand and seal this \square^{2} day of \square^{2} .

(signature of Inventor)

BE IT KNOWN that **DAVID BROWNING** is to me known to be the individual described in the foregoing assignment, that on this 174 day of 3000, 2009, 1 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

51 FIELD GARDENS

STEVENTON

OXFORDSHIRE

OXIS GTE

Post Office Address

Witness

ROCK HOUSE

(VERY MARIET

TAUNTON SOMERSET

TA3 62W Post Office Address

(Docket Number 94.0202)

IN WITNESS WHEREOF I, MARK WAKEFIELD, have hereunto set my hand and seal this 7 day of JUNE, 2009.

(signature of Inventor)

BE IT KNOWN that MARK WAKEFIELD is to me known to be the individual described in the foregoing assignment, that on this <u>17</u> day of <u>Jixee</u>, <u>2.009</u>. 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.

BRYONY YOUNGS

1 BARTON COURT

ABINGDON

OX14 444F Post Office Address

ANDREAS PAPADOPOULOS

FLAT 33 ISLIP RO S

OXEORD

OX2 75F Post Office Address

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.