PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Murat Ocalan	01/05/2010
Francois Auzerais	12/18/2009
Partha Ganguly	01/07/2010
Agathe Robisson	12/16/2009
Jahir Pabon	12/14/2009

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	One Hampshire Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12628001

CORRESPONDENCE DATA

Fax Number: (617)768-2402

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

617-768-2000 Phone:

Email: sfernandez4@slb.com

Correspondent Name: Schlumberger Technology Corporation

Address Line 1: One Hampshire Street

Address Line 4: Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER:	60.1922 US NP
NAME OF SUBMITTER:	James McAleenan

REEL: 023976 FRAME: 0507

PATENT

Total Attachments: 8 source=60_1922_exec_assignment_submitted#page1.tif source=60_1922_exec_assignment_submitted#page2.tif source=60_1922_exec_assignment_submitted#page3.tif source=60_1922_exec_assignment_submitted#page4.tif source=60_1922_exec_assignment_submitted#page5.tif source=60_1922_exec_assignment_submitted#page6.tif source=60_1922_exec_assignment_submitted#page7.tif source=60_1922_exec_assignment_submitted#page8.tif

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Assignment

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

Murat Ocalan, a citizen of Turkey, residing at 180 Brookline Avenue, Apt. 535, Boston, MA 02215, US;

Francois Auzerais, a citizen of the United States of America, residing at 790 Boylston Street, Apt. 17J, Boston, MA 02199, US;

Partha Ganguly, a citizen of Canada, residing at 8 Dorothy Drive, Woburn, MA 01801, US;

Agathe Robisson, a citizen of France, residing at 161 Cherry Street, Cambridge, MA 02139, US; and

Jahir Pabon, a citizen of the United States of America, residing 48 Hollis Street, Newton, MA 02458, US.

Has/have invented certain new and useful improvements in

FIELD RESPONSIVE FLUIDS

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 November 30, 2009, Serial No. 12/628,001 (Docket No. 60.1922 US NP).

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

PATENT REEL: 023976 FRAME: 0509 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.

WITNESSED:	
IN WITNESS WHEREOF I, Murat Ocalan, ha	(Signature of Inventor)
COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX)))
On this day of	my presence, and who swore or affirmed to
Seal	<u>Licrank</u> I durantz Notary Public
	SUSANNAH F. FERNANDEZ Notary Public Commonwealth of Massachusetts My Commission Expires February 11, 2016

WITNESSED:	
IN WITNESS WHEREOF I, François Au	(Swall
	(Signature of Inventor)
COMMONWEALTH OF MASSACHUSET	TS)
COUNTY OF MIDDLESEX)
Notary Public, personally appeared, France evidence of identification, which were person who signed the preceding or attack	2009, before me, the undersigned cois Auzerais, proved to me through satisfactory with to be the ned document in my presence, and who swore or ment are truthful and accurate to the best of his/her
Seal	Notary Public
	SUSANNAH F. FERNANCEZ Netary Public Commonweath of Massachusetts My Commission Expires February 11, 2016

WITNESSED:	
IN WITNESS WHEREOF I, Partha Ganguly, have	hereunto set my hand and seal this (Signature of Inventor)
COMMONWEALTH OF MASSACHUSETTS)	
COUNTY OF MIDDLESEX	
On this day of	t in my presence, and who swore or
Seal	Notary Public
	SUSANNAH F FERNANDEZ Notary Public Commonwealth of Massachusetts My Commission Expires February 11, 2016

WITNESSED:	
IN WITNESS WHEREOF I, Agathe Ro	(Signature of Inventor)
COMMONWEALTH OF MASSACHUSE	TTS)
COUNTY OF MIDDLESEX))
Notary Public, personally appeared, Aga evidence of identification, which were person who signed the preceding or attack.	, 2009, before me, the undersigned athe Robisson, proved to me through satisfactory (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Seal	Notary Public
	SUSANNAH F. FERNANDEZ Notary Public Commonwealth of Messachusets My Commission Expires February 11, 2016

WITNESSED:	
IN WITNESS WHEREOF I, Jahir Pabon, have day of <u>Backunbs</u> , 2009.	e hereunto set my hand and seal this (Signature of Inventor)
COMMONWEALTH OF MASSACHUSETTS) COUNTY OF MIDDLESEX)	
On this day of December_ Notary Public, personally appeared, Jahir Pabon, pro- identification, which were	esence, and who swore or affirmed to me
Seal	Notary Public SUSANNAH F. FERNANDEZ Notary Public Notary Public

Schedule A

"COMPANIES"

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

Located at: One Hampshire Street, Cambridge, MA 02139

Assignee for applications in: USA

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Japan, the Netherlands, Saudi Arabia, United Kingdom

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands

Assignee for applications in: Albania, Argentina, Australia, Azarbaijan, Brunei, Bulgaria, Colombia, Czech Republic, Denmark, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

RECORDED: 02/23/2010

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Countries not Otherwise Listed

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