

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3699879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TERIZHANDUR S. RAMAKRISHNAN	01/08/2016
YUSUF BILGIN ALTUNDAS	01/08/2016
NIKITA CHUGUNOV	01/08/2016
ROMAIN DE LOUBENS	01/08/2016
FRANCOIS B. FAYARD	01/15/2016
RECEIVING PARTY DATA	
Name:	SCHLUMBERGER TECHNOLOGY CORPORATION
Street Address:	300 SCHLUMBERGER DRIVE
City:	SUGAR LAND
State/Country:	TEXAS
Postal Code:	77478
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14777131
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	kdumas-scarber@slb.com
Correspondent Name:	KRISTINE DUMAS-SCARBER
Address Line 1:	10001 RICHMOND AVENUE
Address Line 2:	ROOM 4720
Address Line 4:	HOUSTON, TEXAS 77042
ATTORNEY DOCKET NUMBER:	IS12.2549-US-PCT
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	01/18/2016
Total Attachments: 8	
source=IS122549USPCT_20160118_Signed_Assignment#page1.tif	

source=IS122549USPCT_20160118_Signed_Assignment#page2.tif
source=IS122549USPCT_20160118_Signed_Assignment#page3.tif
source=IS122549USPCT_20160118_Signed_Assignment#page4.tif
source=IS122549USPCT_20160118_Signed_Assignment#page5.tif
source=IS122549USPCT_20160118_Signed_Assignment#page6.tif
source=IS122549USPCT_20160118_Signed_Assignment#page7.tif
source=IS122549USPCT_20160118_Signed_Assignment#page8.tif

Assignment

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

Terizhandur S. Ramakrishnan, a citizen of the United States of America;

Yusuf Bilgin Altundas, a citizen of Turkey;

Nikita Chugunov, a citizen of the Russian Federation;

Romain De Loubens, a citizen of France; and

Francois B. Fayard, a citizen of France;

Has/have invented certain new and useful improvements in

METHODS OF CHARACTERIZING EARTH FORMATIONS USING PHYSIOCHEMICAL MODEL

as described and set forth in an application identified as International Application No. PCT/US2013/063425 (Docket No. IS12.2549-WO-PCT) filed October 4, 2013 and for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on October 4, 2013, Serial No. 14/777,131, (Docket No. IS12.2549-US-PCT). This assignment is effective as of **October 4, 2013**.

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.

WITNESSED:

IN WITNESS WHEREOF I, **Terizhandur S. Ramakrishnan**, have hereunto set my hand and seal this 8th day of January, 2016.

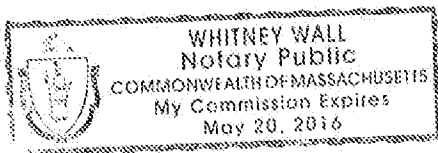
Terizhandur S. Ramakrishnan
Terizhandur S. Ramakrishnan

COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF MIDDLESEX)

On this 8th day of January, 2016, before me, the undersigned Notary Public, personally appeared, **Terizhandur S. Ramakrishnan**, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

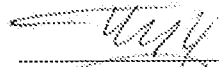
Seal

Whitney Wall
Notary Public



WITNESSED:

IN WITNESS WHEREOF I, **Nikita Chugunov**, have hereunto set my hand and seal this 8
day of January, 2016.

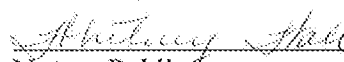


Nikita Chugunov

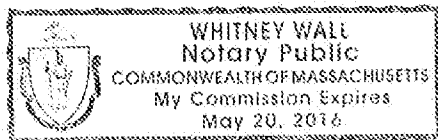
COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF MIDDLESEX)

On this 8th day of January, 2016, before me, the undersigned Notary Public, personally appeared, **Nikita Chugunov**, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Seal



Notary Public



WITNESSED:

IN WITNESS WHEREOF I, **Romain De Loubens**, have hereunto set my hand and seal this
8th day of January 2016.



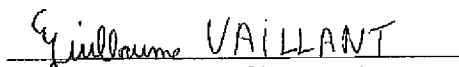
Romain De Loubens

WITNESSED:

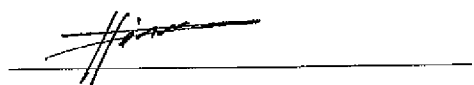
BE IT KNOWN, that **Romain De Loubens** is known to us to be the individual described in this assignment, that on the aforementioned date, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

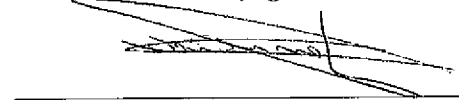


First Witness (Signature)



Second Witness (Signature)





2 rue Frédéric Mistral

8 rue de Bayrie

64000 Pau FRANCE

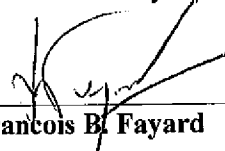
64000 Pau FRANCE

Post Office Address

Post Office Address

WITNESSED:

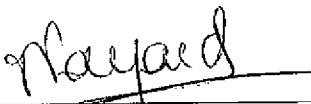
IN WITNESS WHEREOF I, **Francois B. Fayard**, have hereunto set my hand and seal this
15th day of January, 2016.



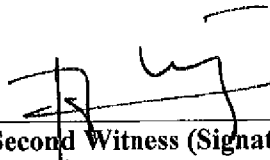
Francois B. Fayard

WITNESSED:

BE IT KNOWN, that **Francois B. Fayard** is known to us to be the individual described in this assignment, that on the aforementioned date, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.



First Witness (Signature)



Second Witness (Signature)

Marie FAYARD
10 Rue du Neulin
38080 TOUR - FRANCE
Post Office Address

Pierre ROBIN
36 route de Four
38090 VALLEY MILIEU
FRANCE
Post Office Address

Schedule A
“COMPANIES”

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America
Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.
Assignee for applications in: United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada
Located at: 125 – 9 Avenue SE, Calgary, Alberta T2G 0P6
Assignee for applications in: Canada

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France
Located at: 42 rue Saint Dominique, 75007 Paris, France
Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands
Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands
Assignee for applications in: Japan, The Netherlands, United Kingdom

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands
Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands
Assignee for applications in: Angola, Bahrain, Bangladesh, Benin, Cambodia, Cameroon, Chad, China, Congo, Gabon, Ghana, Guinea-Bissau, India, Ivory Coast, Jordan, Libya, Mauritania, Morocco, Mozambique, Myanmar, Namibia, Nigeria, Philippines, Senegal, Sudan, Syria, Taiwan, Togo, UAE, Vietnam, Zaire.

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands
Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands
Assignee for applications in: GCC and all other countries not otherwise listed.