

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5841350

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PING ZHANG	11/05/2019
Wael ABDALLAH	11/03/2019
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:	16663636
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:	IS19.0792-US-NP STC
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	11/27/2019
Total Attachments: 5	
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Assignment

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

Ping Zhang, a citizen of the United States of America; and

Wael Abdallah, a citizen of Canada;

Has/have invented certain new and useful improvements in

CLAY DETECTION AND QUANTIFICATION USING DOWNHOLE LOW FREQUENCY ELECTROMAGNETIC MEASUREMENTS

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 **October 25, 2019**, Serial No. **16/663,636**, (Docket No. **IS19.0792-US-NP**). **This assignment is effective as of October 25, 2019.**

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.

This Agreement is entered in contemplation of and shall be construed in accordance with the laws of the State of Texas and may not be amended or modified unless in a subsequent writing executed by the COMPANIES.

I, Ping Zhang, have signed this 5 day of November, 2019.

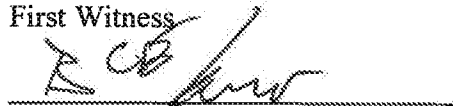

Ping Zhang

STATE/COUNTRY OF _____

COUNTY/PROVINCE OF _____

BE IT KNOWN, that Ping Zhang 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

Bastian Sauerer

Printed Name

SDCR

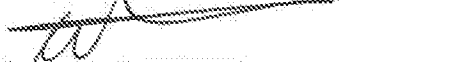
Dhahran, KSA

Post Office Address

Second Witness



Signature



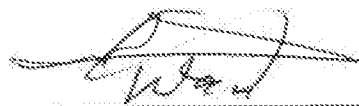
Printed Name

SDCR

Dhahran, KSA

Post Office Address

I, Wael Abdallah, have signed this 3 day of Nov., 2019.

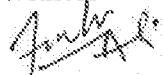


Wael Abdallah

BE IT KNOWN, that Wael Abdallah 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.

FARHAN ALI

Witness

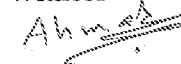


P.O. Box 39011, Dammam/Daka Camp
31942, Dhahran, KSA.

Post Office Address

Ahmad ALZoukani

Witness



P.O. Box 39011, Dammam
31942, Dhahran, KSA

Post Office Address

Schedule A
“COMPANIES”

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America

Located at: 300 Schlumberger Drive, Sugar Land, TX 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 TECHNOLOGY B.V.

Corporation of: The Netherlands

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

Assignee for applications in: All other countries not otherwise listed.