

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5158518

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST INVENTOR'S LAST NAME previously recorded on Reel 046950 Frame 0262. Assignor(s) hereby confirms the CRAWLEY.
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW CROWLEY	05/01/2017
DAVID BAUCHELLE	05/14/2018
JAMES RUDOLPH WETZEL	06/12/2017
NEIL GRIFFITHS	09/07/2018
NILS VAN DER STAD	05/11/2017
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:	16061206
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:	IS15.1685-US-PCT CORR
NAME OF SUBMITTER:	KRISTINE SCARBER
SIGNATURE:	/KRISTINE SCARBER/
DATE SIGNED:	09/26/2018
Total Attachments: 10	

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MATTHEW CRAWLEY</td> <td>05/01/2017</td> </tr> <tr> <td>DAVID BAUCHELLE</td> <td>05/14/2018</td> </tr> <tr> <td>JAMES RUDOLPH WETZEL</td> <td>06/12/2017</td> </tr> <tr> <td>NEIL GRIFFITHS</td> <td>09/07/2018</td> </tr> <tr> <td>NILS VAN DER STAD</td> <td>05/11/2017</td> </tr> </tbody> </table>		Name	Execution Date	MATTHEW CRAWLEY	05/01/2017	DAVID BAUCHELLE	05/14/2018	JAMES RUDOLPH WETZEL	06/12/2017	NEIL GRIFFITHS	09/07/2018	NILS VAN DER STAD	05/11/2017
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ATTORNEY DOCKET NUMBER:	IS15.1685-US-PCT												
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER												
Signature:	/KRISTINE DUMAS-SCARBER/												

PATENT

Date: 09/24/2018

Total Attachments: 8

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RECEIPT INFORMATION

EPAS ID: PAT5154723
Receipt Date: 09/24/2018

PATENT

REEL: 047632 FRAME: 0894

Assignment

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

Matthew Crowley, a citizen of the United States of America;

David Bauchelle, a citizen of the United States of America;

James Rudolph Wetzel, a citizen of the United States of America;

Neil Griffiths, a citizen of the United Kingdom; and

Nils Van Der Stad, a citizen of The Netherlands;

Has/have invented certain new and useful improvements in

SYSTEM AND METHOD RELATED TO PUMPING FLUID IN A BOREHOLE

as described and set forth in an application identified as International Application No. **PCT/US2016/062637**, (Docket No. **IS15.1685-WO-PCT**) filed **November 18, 2016**. **This assignment is effective as of November 18, 2016.**

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.

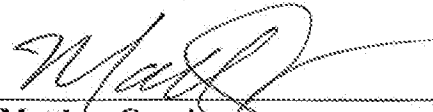
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, 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**.

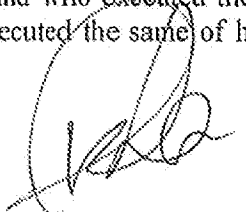
IN WITNESS WHEREOF I, Matthew Crowley, have hereunto set my hand and seal this 1 day of May, 2017.

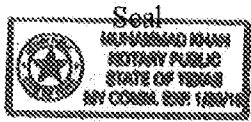

Matthew Crowley

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 1st day of May, 2017, personally appeared Matthew Crowley, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.


Notary Public



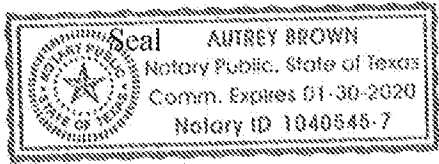
IN WITNESS WHEREOF I, **David Bauchelle**, have hereunto set my hand and seal this 14 day of May, 2018.

David Bauchelle
David Bauchelle

STATE OF TEXAS

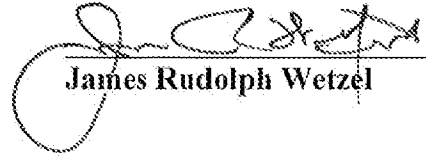
COUNTY OF BRAZORIA

BEFORE ME this 14 day of May, 2018, personally appeared **David Bauchelle**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



Autrey Brown
Notary Public

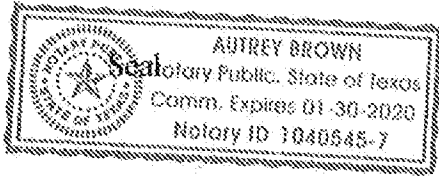
IN WITNESS WHEREOF I, **James Rudolph Wetzel**, have hereunto set my hand and seal this 12th day of JUNE, 2017.

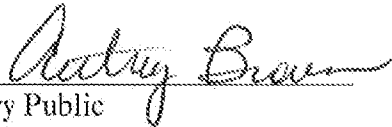

James Rudolph Wetzel

STATE OF TEXAS

COUNTY OF HARRIS BRAZORIA

BEFORE ME this 12 day of June, 2017, personally appeared **James Rudolph Wetzel**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.




Notary Public

IN WITNESS WHEREOF I, Neil Griffiths, have hereunto set my hand and seal this 7th day of SEPTEMBER, 2018.

Neil Griffiths
Neil Griffiths

BE IT KNOWN that Neil Griffiths, is to me known to be the individual described in the foregoing assignment, that on the aforementioned date, 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.

MANDY J. SEYMORE
Witness

M. Seymore

& THE OAKS

SOTHAM CAMBS

CB7 5FF
Post Office Address

JOHN STANILAND
Witness

Staniland

46 FIELD VIEW

BAR HILL

CAMBRIDGE CB23 8SY
Post Office Address

IN WITNESS WHEREOF I, **Nils Van Der Stad**, have hereunto set my hand and seal this 11th day of May, 2017.



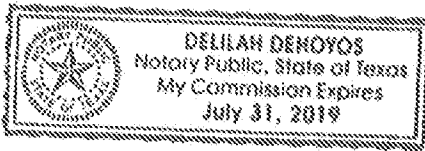
Nils Van Der Stad

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 11th day of May, 2017, personally appeared **Nils Van Der Stad**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal





Notary Public

**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 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.