# 505520278 06/12/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5567083

|  |   | NEW ASSIGNMENT  |                |  |  |
|--|---|---|----------------|--|--|
| NATURE OF CONVEYANCE:  |   | ASSIGNMENT  | ASSIGNMENT     |  |  |
| CONVEYING PARTY DA   | ATA   |   |                |  |  |
|  |   | Name  | Execution Date |  |  |
| JEAN-CHRISTOPHE AU   | CHERE   |   | 05/23/2019     |  |  |
| HIROSHI HORI   | 05/20/2019                                    |   |                |  |  |
| ADAM PEDRYCZ   | 05/26/2019                                    |   |                |  |  |
| BHARAT NARASIMHAN  |   |   | 05/21/2019     |  |  |
| RECEIVING PARTY DA   | ТА  |   |                |  |  |
| Name:  | SCHLU   | MBERGER TECHNOLOGY CORPORAT   | ION            |  |  |
| Street Address:  | 300 SCHLUMBERGER DRIVE                        |   |                |  |  |
| City:  | SUGAR LAND                                    |   |                |  |  |
| State/Country:   | TEXAS   |   |                |  |  |
| Postal Code:   | 77478   |   |                |  |  |
| PROPERTY NUMBERS   | Total: 1                                      |   |                |  |  |
| Property Type  |   | Number  |                |  |  |
| Application Number: 16412  |   | 16412140  |                |  |  |
| • •  |   |   |                |  |  |
|  | <u></u>                                       |   |                |  |  |
| CORRESPONDENCE D   | ATA   |   |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i>  | e sent to<br>provided                         | the e-mail address first; if that is unsu<br>; if that is unsuccessful, it will be sent   |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Email:  | e sent to<br>provided                         | ; if that is unsuccessful, it will be sent<br>dumas-scarber@slb.com   |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i>  | e sent to<br>provided                         | ; <i>if that is unsuccessful, it will be sent</i><br><dumas-scarber@slb.com<br><ristine dumas-scarber<="" td=""><td></td></ristine></dumas-scarber@slb.com<br>  |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Email:<br>Correspondent Name:   | e sent to<br>provided<br> <br>                | ; if that is unsuccessful, it will be sent<br>dumas-scarber@slb.com   |                |  |  |
| Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Email:<br>Correspondent Name:<br>Address Line 1:  | e sent to<br>provided                         | ; <i>if that is unsuccessful, it will be sent</i><br>«dumas-scarber@slb.com<br><ristine dumas-scarber<br="">10001 RICHMOND AVENUE</ristine>   |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:   | e sent to<br>provided<br> <br> <br> <br> <br> | ; <i>if that is unsuccessful, it will be sent</i><br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720   |                |  |  |
| Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:  | e sent to<br>provided<br> <br> <br> <br> <br> | ; if that is unsuccessful, it will be sent<br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720<br>HOUSTON, TEXAS 77042  |                |  |  |
| Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:  | e sent to<br>provided<br> <br> <br> <br> <br> | ; if that is unsuccessful, it will be sent<br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720<br>HOUSTON, TEXAS 77042<br>IS17.0392-US-NP   |                |  |  |
| Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NU<br>NAME OF SUBMITTER:  | e sent to<br>provided<br> <br> <br> <br> <br> | ; if that is unsuccessful, it will be sent<br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720<br>HOUSTON, TEXAS 77042<br>IS17.0392-US-NP<br>KRISTINE DUMAS-SCARBER                             |                |  |  |
| Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NUN<br>NAME OF SUBMITTER:<br>SIGNATURE:   | e sent to<br>provided<br> <br> <br> <br> <br> | ; if that is unsuccessful, it will be sent<br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720<br>HOUSTON, TEXAS 77042<br>IS17.0392-US-NP<br>KRISTINE DUMAS-SCARBER<br>/KRISTINE DUMAS-SCARBER/ |                |  |  |
| Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NUN<br>NAME OF SUBMITTER:<br>SIGNATURE:<br>DATE SIGNED:<br>Total Attachments: 7<br>source=IS170392USNP_2 | e sent to<br>provided                         | ; if that is unsuccessful, it will be sent<br>kdumas-scarber@slb.com<br>KRISTINE DUMAS-SCARBER<br>10001 RICHMOND AVENUE<br>ROOM 4720<br>HOUSTON, TEXAS 77042<br>IS17.0392-US-NP<br>KRISTINE DUMAS-SCARBER<br>/KRISTINE DUMAS-SCARBER/ |                |  |  |

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### Assignment

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

Jean-Christophe Auchere, a citizen of France;

Hiroshi Hori, a citizen of Japan;

Adam Pedrycz, a citizen of Canada; and

Bharat Narasimhan, a citizen of India;

Has/have invented certain new and useful improvements in

### METHODS AND APPARATUS TO MEASURE FORMATION FEATURES

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 May 14, 2019, Serial No. 16/412,140, (Docket No. IS17.0392-US-NP). This assignment is effective as of May 14, 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, 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**.

#### Docket Number IS17.0392-US-NP

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5,... Licyald Robert 75014 PARIS

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Post Office Address

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Jean-Christophe Anchere

BE IT KNOWN, that Jean-Christophe Auchere 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.

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Witness

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Bnil Thilo du 8 Mai 1945 78460 CLEVRUSE

Post Office Address

Rev. 1-11-19

PATENT REEL: 049439 FRAME: 0203

Docket Number IS17.0392-US-NP

I, Hiroshi Hori, have signed this 20<sup>th</sup>day of

Mau 2019.

Hiroshi Hori

BE IT KNOWN, that **Hiroshi Hori** 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.

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PATENT **REEL: 049439 FRAME: 0204** 

### Docket Number IS17.0392-US-NP

| I, Adam Pedrycz, have signed this <u>26</u> <sup>th</sup> day of | May      | , 2019. |
|--|----------|---------|
|  |          |         |
|  |          |         |
|  | Adam Pec | Irvez   |

BE IT KNOWN, that **Adam Pedrycz** 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.

Witness Witness (1). to (d PEOKACA 306 WOSFON C. 211 Eduanton ionton Cat to as at the C Post Office Address Post Office Address

### PATENT REEL: 049439 FRAME: 0205

I, Bharat Narasimhan, have signed this 2 day of \_\_\_\_\_\_ 2019. an

Bharat Nérasimhan

STATE OF TEXAS

COUNTY OF FORT BEND

BEFORE ME this  $21^{\text{st}}$  day of  $32^{\text{st}}$ , 2019, personally appeared Bharat Narasimhan, 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

lina otary Public



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### Schedule A "COMPANIES"

#### SCHLUMBERGER TECHNOLOGY CORPORATION

<u>Corporation of</u>: United States of America <u>Located at</u>: 300 Schlumberger Drive, Sugar Land, TX 77478 U.S.A. Assignee for applications in: United States of America

### SCHLUMBERGER CANADA LIMITED

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

#### SERVICES PETROLIERS SCHLUMBERGER

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

### SCHLUMBERGER TECHNOLOGY B.V.

<u>Corporation of</u>: The Netherlands <u>Located at</u>: Parkstraat 83, 2514 JG, The Hague, Netherlands <u>Assignee for applications in</u>: All other countries not otherwise listed.

Rev. 1-11-19

**RECORDED: 06/12/2019**