

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6344662

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| TERIZHANDUR S. RAMAKRISHNAN | 09/03/2019 |
| QUINCY K. ELIAS | 06/13/2019 |
| HUA ZHANG | 06/12/2019 |
| YOUSSEF MAGDY ABDOU MOHAMED ELKADY | 07/02/2019 |
| YIXUAN FENG | 06/15/2019 |
| 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: | 15733723 |
| 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> | |
| Phone: | 8322877300 |
| Email: | kdumas-scarber@mailfence.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: | IS19.0094-US-PCT |
| NAME OF SUBMITTER: | KRISTINE DUMAS-SCARBER |
| SIGNATURE: | /KRISTINE DUMAS-SCARBER/ |
| DATE SIGNED: | 10/12/2020 |
| Total Attachments: 8 | |

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Assignment

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

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

Quincy K. Elias, a citizen of the United States of America;

Hua Zhang, a citizen of China;

Youssef Magdy Abdou Mohamed Elkady, a citizen of Egypt; and

Yixuan Feng, a citizen of China;

Has/have invented certain new and useful improvements in

**METHODS, APPARATUS AND SYSTEMS FOR CREATING BISMUTH ALLOY
PLUGS FOR ABANDONED WELLS**

as described and set forth in an application identified as International Patent Application No. PCT/US2019/017274, (Docket No. IS19.0094-WO-PCT) filed February 8, 2019. This assignment is effective as of February 8, 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, **Terizhandur S. Ramakrishnan**, have signed this 3rd day of September, 2019.

Terizhandur S. Ramakrishnan
Terizhandur S. Ramakrishnan

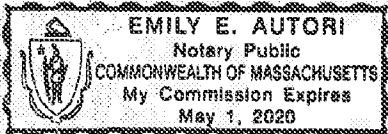
COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

BEFORE ME this 3rd day of September, 2019, personally appeared **Terizhandur S. Ramakrishnan**, 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

Emily E. Autori
Notary Public



I, Quincy K. Elias, have signed this 13 day of June, 2019.

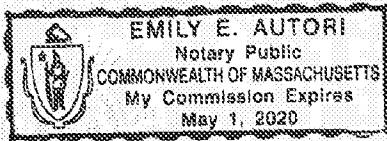
Quincy Elias
Quincy K. Elias

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

BEFORE ME this 13th day of June, 2019, personally appeared Quincy K. Elias, 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



Emily E. Autori
Notary Public

I, **Hua Zhang**, have signed this 12th day of June, 2019.



Hua Zhang

COMMONWEALTH OF MASSACHUSETTS

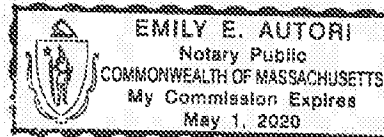
COUNTY OF MIDDLESEX

BEFORE ME this 12th day of June, 2019, personally appeared **Hua Zhang**, 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



I, **Youssef Magdy Abdou Mohamed Elkady**, have signed this 2nd day of July, 2019.

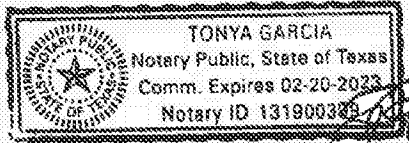


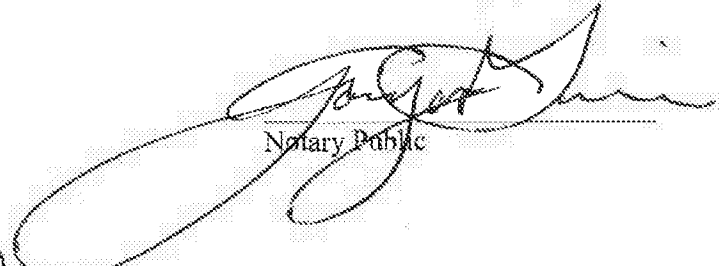
Youssef Magdy Abdou Mohamed Elkady

STATE OF Texas
COUNTY OF Harris

BEFORE ME this 2nd day of July, 2019, personally appeared **Youssef Magdy Abdou Mohamed Elkady**, 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

I, Yixuan Feng, have signed this 15 day of June, 2019.

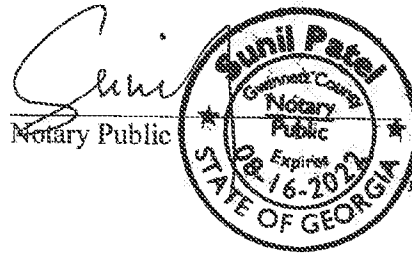
Yixuan Feng
Yixuan Feng

STATE OF GA

COUNTY OF GWINNETT

BEFORE ME this 15 day of June, 2019, personally appeared Yixuan Feng, 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



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.