

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7651106

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAHNAWAZ HOSSAIN MOLLA	04/20/2022
FARSHID MOSTOWFI	04/28/2022
JOHN NIGHSWANDER	11/08/2022
ADRIAAN GISOLF	04/15/2022
KAI HSU	04/20/2022
SHUNSUKE FUKAGAWA	04/20/2022
THOMAS PFEIFFER	01/12/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHLUMBERGER TECHNOLOGY CORPORATION
<b>Street Address:</b>	300 SCHLUMBERGER DRIVE
<b>City:</b>	SUGAR LAND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77478
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17755090
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	8322877300
<b>Email:</b>	kdumas-scarber@slb.com
<b>Correspondent Name:</b>	KRISTINE DUMAS-SCARBER
<b>Address Line 1:</b>	10001 RICHMOND AVENUE
<b>Address Line 2:</b>	ROOM 4720
<b>Address Line 4:</b>	HOUSTON, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	IS18.1394-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	11/17/2022

PATENT

**Total Attachments: 10**

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## Assignment

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

**Shahnawaz Hossain Molla** a citizen of Canada;

**Farshid Mostowfi**, a citizen of Canada;

**John Nighswander**, a citizen of Canada;

**Adriaan Gisolf**, a citizen of the Netherlands;

**Kai Hsu**, a citizen of the United States of America;

**Shunsuke Fukagawa**, a citizen of Japan; and

**Thomas Pfeiffer**, a citizen of Germany;

Has/have invented certain new and useful improvements in

### **FLUID TYPE IDENTIFICATION FROM DOWNHOLE FLUID ANALYSIS USING MACHINE LEARNING TECHNIQUES**

as described and set forth in an application identified as International Patent Application No. **PCT/US20/56811** (Docket No. **IS18.1394-WO-PCT**) filed **October 22, 2020**. **This assignment is effective as of October 22, 2020.**

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.

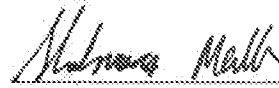
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, 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, **Shahnawaz Hossain Molla**, have signed this 20 day of APRIL, 2022.



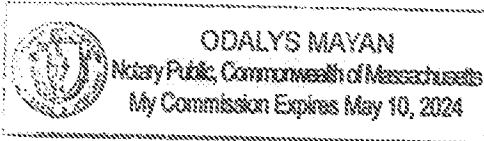
**Shahnawaz Hossain Molla**

COMMONWEALTH OF MASSACHUSETTS

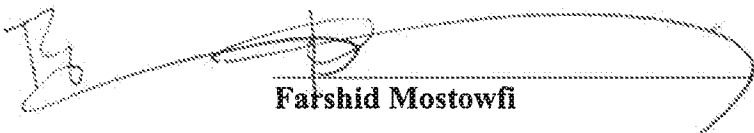
COUNTY OF MIDDLESEX

BEFORE ME this 20<sup>th</sup> day of April, 2022, personally appeared **Shahnawaz Hossain Molla**, 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, **Farshid Mostowfi**, have signed this <sup>28<sup>th</sup></sup>~~25~~ day of April, 2022.

  
**Farshid Mostowfi**

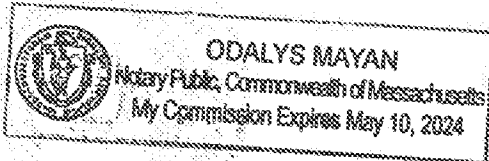
COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

BEFORE ME this <sup>28<sup>th</sup></sup> day of April, 2022, personally appeared **Farshid Mostowfi**, 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



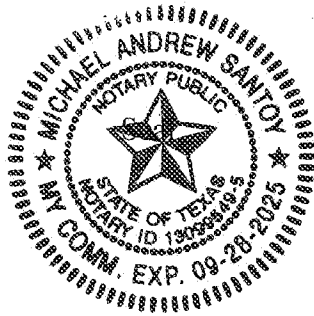
I, **John Nighswander**, have signed this 8<sup>th</sup> day of November, 2022.

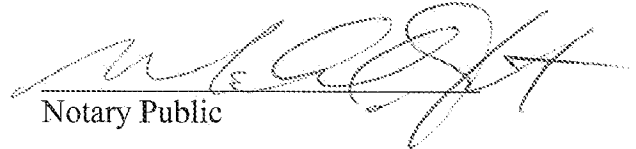
  
\_\_\_\_\_  
**John Nighswander**

STATE OF TEXAS

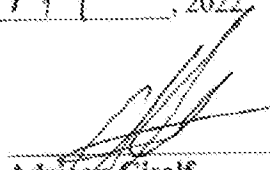
~~COUNTY OF HARRIS~~  
FORT BEND  
~~TX~~

BEFORE ME this 8<sup>th</sup> day of NOVEMBER, 2022, personally appeared **John Nighswander**, 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

I, Adriaan Gisolf, have signed this 15 day of April, 2022.

  
\_\_\_\_\_  
Adriaan Gisolf

BE IT KNOWN, that Adriaan Gisolf 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.

Zilman  
\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Paula Zilman  
\_\_\_\_\_  
Blvd Pipera 97A  
\_\_\_\_\_  
Voluntari  
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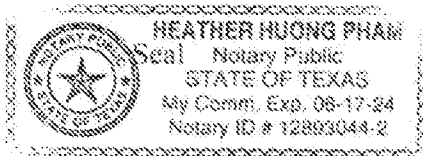
I, **Kai Hsu**, have signed this 2<sup>nd</sup> day of April, 2022.

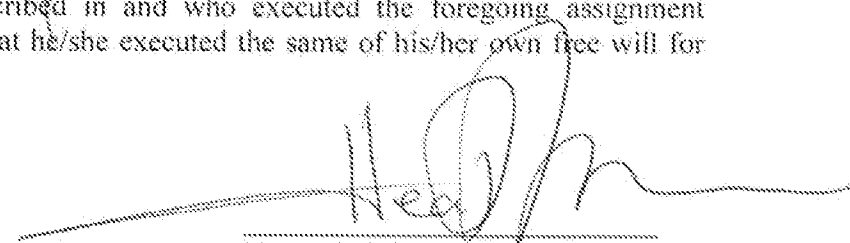
  
Kai Hsu

STATE OF TEXAS

COUNTY OF FORT BEND

BEFORE ME this 20<sup>th</sup> day of April, 2022, personally appeared **Kai Hsu**, 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.

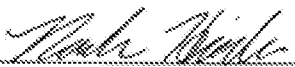


  
Notary Public

I, Shunsuke Fukagawa, have signed this 20 day of April, 2022.

  
\_\_\_\_\_  
Shunsuke Fukagawa

BE IT KNOWN, that Shunsuke Fukagawa 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.

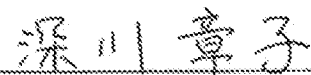
  
\_\_\_\_\_  
Witness

NOAH HINDES

MIKUNI HONMACHI 3-9-38#1481

YODOGAWA-KU, OSAKA-SHI

OSAKA-FU JAPAN 532-0002  
Post Office Address

  
\_\_\_\_\_  
Witness

Noriko Fukagawa

Mitakedai 13-32

Aoba-ku Yokohama-shi

Kanagawa Japan 227-0047  
Post Office Address


I, **Thomas Pfeiffer**, have signed this 12<sup>th</sup> day of January, 2021.

  
\_\_\_\_\_  
**Thomas Pfeiffer**

BE IT KNOWN, that **Thomas Pfeiffer** 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

\_\_\_\_\_  
Prudence Pfeiffer  
Achterom 38  
2611PP Delft, The Netherlands

  
\_\_\_\_\_  
Witness

\_\_\_\_\_  
Manon Warmenhoven  
Ursulaplaats 12  
2611SG Delft, The Netherlands

**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.