

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7010337

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREAS PETER	06/08/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAKER HUGHES OILFIELD OPERATIONS LLC
<b>Street Address:</b>	17021 ALDINE WESTFIELD
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77073
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16881546
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)286-0115
<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>	8602862929
<b>Email:</b>	usptopatentmail@cantorcolburn.com
<b>Correspondent Name:</b>	CANTOR COLBURN LLP-BAKER HUGHES, A GE CO
<b>Address Line 1:</b>	20 CHURCH STREET
<b>Address Line 2:</b>	22ND FLOOR
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103
<b>ATTORNEY DOCKET NUMBER:</b>	TEL464338USNP/INT0773US2
<b>NAME OF SUBMITTER:</b>	RONALD E. JONES
<b>SIGNATURE:</b>	/RONALD E. JONES/
<b>DATE SIGNED:</b>	11/05/2021
<b>Total Attachments: 12</b>	
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**PATENT APPLICATION ASSIGNMENT**

WHEREAS, I, **Andreas Peter**, a citizen of Germany, residing at Burger Landstrasse, 14A, Celle, 29227, DE have invented new and useful improvements in a **SYSTEM AND METHOD FOR SURFACE TO DOWNHOLE COMMUNICATION WITHOUT FLOW** for which I have filed as United States Patent Application:

62/851,459 filed on May 22, 2019,  
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

WHEREAS, **Baker Hughes, a GE company, LLC**, a limited liability company of the State of Delaware, having a correspondence address of 17021 Aldine Westfield, Houston, Texas, 77073, USA, is desirous of acquiring my entire right, title and interest in said application and my Letters Patent, which may issue thereon.

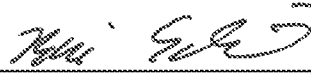
NOW, THEREFORE, it be known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, I hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. I further hereby assign and transfer to said corporation whatever cause of action I may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

I, HEREBY covenant and agree that I will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and I authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

INVENTOR 1

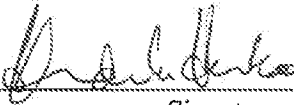
Signature:   
ANDREAS PETER

Date: 08.06.2018

Witnessed by:   
Signature

Date: June 8 2018

SCHOENBORN, WAI  
Printed Name of Witness

Witnessed by:   
Signature

Date: June 8 2018

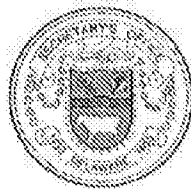
Hendrik Wautz  
Printed Name of Witness

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "BAKER HUGHES INCORPORATED" TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "BAKER HUGHES INCORPORATED" TO "BAKER HUGHES, A GE COMPANY, LLC", FILED IN THIS OFFICE ON THE THIRD DAY OF JULY, A.D. 2017, AT 9:35 O'CLOCK A.M.



2106297 8100V  
SR# 20175062939

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature in black ink, appearing to read "JBULLOCK", written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 202820609  
Date: 07-03-17

**PATENT**  
**REEL: 058036 FRAME: 0410**

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 09:35 AM 07/03/2017  
FILED 09:35 AM 07/03/2017  
SR 20175062939 - File Number 2196297

**CERTIFICATE OF CONVERSION**

**CONVERTING**

**BAKER HUGHES INCORPORATED**

to

**BAKER HUGHES, A GE COMPANY, LLC**

This Certificate of Conversion is being filed for the purpose of converting Baker Hughes Incorporated, a Delaware corporation (the "Converting Corporation"), to a Delaware limited liability company to be named Baker Hughes, a GE company, LLC (the "Company") pursuant to Section 18-214 of the Delaware Limited Liability Company Act, 6 *Del. C.* §§ 18-101 *et seq.* (the "Delaware LLC Act"), and Section 266 of the General Corporation Law of the State of Delaware, 8 *Del. C.* §§ 101 *et seq.* (the "DGCL").

The undersigned, as authorized person for the Converting Corporation, does hereby certify as follows:

1. The Converting Corporation was first incorporated in Delaware on November 3, 1986.
2. The name of the Converting Corporation immediately prior to filing this Certificate is Baker Hughes Incorporated.
3. The name of the Company as set forth in the Certificate of Formation is Baker Hughes, a GE company, LLC.
4. The conversion effected by this Certificate of Conversion has been approved by the directors and the sole stockholder of the Converting Corporation in accordance with the provisions of Section 266 of the DGCL and Section 18-214 of the Delaware LLC Act.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion  
on July 3, 2017.

BAKER HUGHES INCORPORATED

By: Lee Whitley

Name: Lee Whitley

Title: Vice President

*[Signature Page to Baker Hughes Certificate of Conversion]*

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "BAKER HUGHES, A GE COMPANY, LLC" FILED IN THIS OFFICE ON THE THIRD DAY OF JULY, A.D. 2017, AT 9:35 O'CLOCK A.M.



2106297 8100V  
SR# 20175062939

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

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Jeffrey W. Bullock, Secretary of State

Authentication: 202820609  
Date: 07-03-17

PATENT  
REEL: 058036 FRAME: 0413



State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 09:35 AM 07/03/2017  
FILED 09:35 AM 07/03/2017  
SR 20175062939 - File Number 2106297

**BAKER HUGHES, A GE COMPANY, LLC**

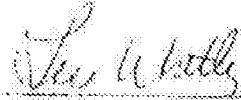
**CERTIFICATE OF FORMATION**

This Certificate of Formation is being filed pursuant to Section 18-214(b) of the Delaware Limited Liability Company Act, 6 *Del. C.* §§ 18-101 *et seq.*, in connection with the conversion of Baker Hughes Incorporated, a Delaware corporation, to a Delaware limited liability company.

The undersigned, as an authorized person, does hereby certify as follows:

1. The name of the limited liability company is Baker Hughes, a GE company, LLC (the "Company").
2. The Company's registered office in the State of Delaware is located at Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle, Delaware 19801. The registered agent of the Company for service of process at such address is The Corporation Trust Company.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation on  
July 3, 2017.



Lee Whitley, Authorized Person

*[Signature Page to Certificate of Formation (BHGE, LLC Conversion)]*

CONFIRMATORY ASSIGNMENT

WHEREAS, Baker Hughes, a GE company, LLC, a Delaware Limited Liability Company, (the "Assignor") was the sole owner and is currently the sole owner of record in and to certain new and useful improvements disclosed in certain Letters Patent, and/or applications for Letters Patent (all right, title and interest therein referred to collectively as the "Patent Rights"), as listed in Exhibit A;

And WHEREAS, Baker Hughes Oilfield Operations LLC, a California Limited Liability Company ("Assignee"), together with any successors, legal representatives, or assigns thereof, desires to acquire the entire aforesaid Patent Rights throughout the world; and all right, title and interest in, to and under any and all corresponding Letters Patent of the United States and all other countries throughout the world;

And WHEREAS, Assignor and Assignee entered into that certain Bill of Sale, Assignment and Assumption Agreement dated October 9, 2018 (the "Agreement") to effect assignment of the Patent Rights, which Agreement is confirmed by this assignment,

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00) and the consideration as set forth in the Agreement, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignor hereby confirms that Assignor has sold, assigned, transferred, and set over and does hereby sell, assign, transfer, and set over to Assignee, effective October 9, 2018, all said Patent Rights in the Patents throughout the entire world, in and to said applications for U.S. Letters Patent, and any and all divisions, continuations, substitutions, continuations-in-part, reexaminations reissues and extensions thereof, and any and all Letters Patent of the United States and non-US countries which may be granted therefore on such inventions or improvements; and specifically including all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and applications for patents (including related rights such as utility-model registrations, inventors certificates and the like) heretofore or hereafter filed for such applications in any United States or non-US countries and all patents granted for such applications in the US and any non-US country, and we do hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of any non-US countries whose duty it is to issue patents on applications as aforesaid, to issue any and all Letters Patent on such inventions or resulting from said application and from any and all divisions, continuations, and reissues thereof to Assignee in accordance of the terms of this Assignment.

The assignments and transfers described herein are to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States and non-US countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further hereby assigns and transfers to Assignee whatever cause of action Assignor may have for past or present

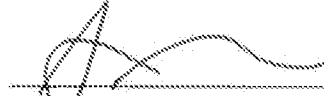
infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

IN TESTIMONY WHEREOF, we the Assignor hereby understand and agree to the terms described above, and hereby execute this Assignment

Signature of Assignor

BAKER HUGHES, A GE COMPANY, LLC

By

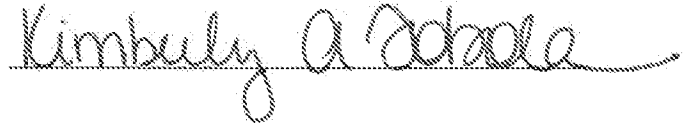


Al Riddle, its

Title

Associate General Counsel Intellectual Property

Witnessed By:



Signature of Assignee

BAKER HUGHES OILFIELD OPERATIONS LLC

By

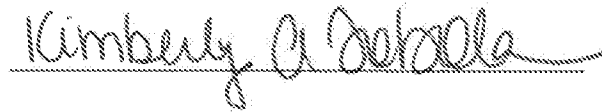


Lee Whitley, its

Title

Vice President

Witnessed By:



**EXHIBIT A****Baker Hughes Oilfield Operations LLC IP Rights: Patents and Active Patent Applications**Wired Pipe

<u>Country</u>	<u>Application No.</u>	<u>Publication No.</u>	<u>Grant No.</u>
US	12/470842	US20090289808	8242928
US	12/841254	US20110017334	9044798
US	13/142612	US20120176138	8941384
US	13/546059	US20120274477	8704677
US	13/658261	US20130106615	
US	13/687618	US20140144537	9228686
US	13/687551	US20140144614	9291005
US	13/687563	US20140144699	
US	13/687816	US20140148028	8986028
US	13/687699	US20140148029	9052043
US	13/719802	US20140166309	9097068
US	13/724416	US20140176334	9810806
US	13/753205	US20140209296	9255451
US	13/754539	US20140209324	9759017
US	14/193556	US20140246237	9133707
US	13/850539	US20140290930	9303464
US	13/850384	US20140291015	9725963
US	13/889815	US20140332235	9598951
US	13/904297	US20140352941	9915103
US	13/923833	US20140374167	9000296
US	13/929470	US20150000957	9722400
US	13/948303	US20150027685	9534455
US	13/961227	US20150041214	9850718
US	14/012391	US20150060041	9644433
US	14/258333	US20150070185	9771791

US	14/087422	US20150144324	9512682
US	14/161885	US20150204143	9611702
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US	14/194991	US20150248950	9601237
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