

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7112389

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALIREZA SHAHKARAMI	01/10/2021
ROBERT KLENNER	01/07/2021
HAYLEY STEPHENSON	01/12/2021
MAHENDRA JOSHI	12/29/2020
GLEN MURRELL	01/08/2021
GHAZAL IZADI	01/13/2021
RECEIVING PARTY DATA	
Name:	BAKER HUGHES OILFIELD OPERATIONS LLC
Street Address:	17021 ALDINE WESTFIELD ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
PROPERTY NUMBERS Total: 2	
Property Type	Number
PCT Number:	US2270111
Application Number:	17149706
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:	sthiede@questel.com
Correspondent Name:	COLSON LAW GROUP
Address Line 1:	5555 MAIN STREET
Address Line 4:	BUFFALO, NEW YORK 14221
ATTORNEY DOCKET NUMBER:	63WLM-508083-WO-2
NAME OF SUBMITTER:	ROBERT P. SIMPSON
SIGNATURE:	/Robert P. Simpson/
DATE SIGNED:	01/10/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 8

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that this declaration and assignment are directed to:

AUTOMATIC WELL CONTROL BASED ON DETECTION OF FRACTURE DRIVEN INTERFERENCE

- the specification of which is attached hereto OR
- United States application or PCT international application number _____ filed on _____ as amended on [date] (if applicable).
(I 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.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with my obligations under an Employee Confidentiality and Innovation Agreement or (as applicable) arising out of other agreements (such as, the Services Agreement between Baker Hughes Oilfield Operations, LLC, a California corporation, and my employer), and for other good and valuable consideration of which I acknowledge receipt, I,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Alireza		Shahkarami	of	Oklahoma City	OK	US
Robert		Klenner	of	Edmond	OK	US
Hayley		Stephenson	of	Oklahoma City	OK	US
Mahendra		Joshi	of	Katy	TX	US

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Glen		Murrell	of	Cheyenne	WY	US
Ghazal		Izadi	of	Palo Alto	CA	US

hereby sell and assign to:

Name of Company: Baker Hughes Oilfield Operations LLC
Entity Type (optional):
Address: 17021 Aldine Westfield Road, Houston, TX 77073

herein referred to as "Baker Hughes", its successors and assigns my entire rights, titles and interests in and to the invention and improvements made or conceived by me described in the application listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(I hereby authorize and request the Baker Hughes or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Baker Hughes, or its successors or assigns, and agree that on request and without further consideration, I will communicate to the Baker Hughes or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Baker Hughes, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor/assignor potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: [Signature]
Alireza Shahkarami

Date: 1-10-2021

Witnessed by: [Signature]
Signature

Date: 1/31/2021

ROXANA L. CAZAN
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 1-12-2021

Hamidreza Karami Mirazizi
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Alireza Shahkarami, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 2

Signature: [Signature]
Robert Klenner

Date: 01/07/2021

Witnessed by: [Signature]
Signature

Date: 1-7-21

Anita Klenner
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 1/7/2021

Ashley K Adriance
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

Inventor Name

STATE OF _____
COUNTY OF _____
ss.

This _____ day of _____, _____ before me personally came the above-named **Robert Klenner**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____ (Notary Public)

INVENTOR 3

Signature: Hayley Stephenson Date: 1/12/20
Hayley Stephenson

Witnessed by: Jacob Stephenson Date: 1-12-21
Signature

JACOB STEPHENSON
Printed Name of Witness

Witnessed by: M. Browning Date: 1-12-20
Signature

Mary Ann Browning
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____
Inventor Name

STATE OF _____
COUNTY OF _____
ss.

This _____ day of _____, _____ before me personally came the above-named Hayley Stephenson, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 4

Signature: Mahendra A. Joshi
Mahendra Joshi

Date: 12/29/20

Witnessed by: Viraj Joshi
Signature

Date: 12/29/20

VIRAJ JOSHI
Printed Name of Witness

Witnessed by: Karishma M Joshi
Signature

Date: 12/29/2020

KARISHMA M JOSHI
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Mahendra Joshi, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 5

Signature: *Glen Murrell*
Glen Murrell

Date: 1/8/21

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

GLEN RICHARD MURRELL

Date: 1/8/21

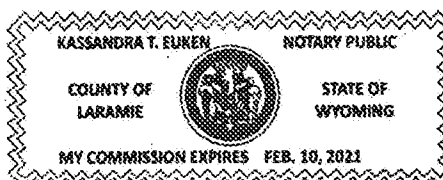
Inventor Name

STATE OF Wyoming
COUNTY OF Laramie ss.

This 8th day of Jan, 2021 before me personally came the above-named **Glen Murrell**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal *Kassandra T. Euren*

(Notary Public)



BH Docket No. 508083

INVENTOR 6

Ghazal Izadi

Signature: _____

Date: 1/13/2021 _____

Ghazal Izadi

[Signature]

Witnessed by: _____

Date: 1/13/2021 _____

Signature

Seyed Staffetian

Printed Name of Witness

[Signature]

Witnessed by: _____

Date: 1/13/2021 _____

Signature

Saed Sayyan Roudsari

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

Inventor Name

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ghazal Izadi**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)