

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5901618

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIAM DUBS	10/08/2019
JACOB ANDREW MCGREGOR	10/08/2019
BRENDEN MICHAEL GROVE	10/08/2019
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY EAST
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16685981
PCT Number:	US1963090
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:	lvincent@mcguirewoods.com
Correspondent Name:	LIAM VINCENT
Address Line 1:	1750 TYSONS BLVD
Address Line 2:	#1800
Address Line 4:	TYSONS, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	2069464-0805PTUS
NAME OF SUBMITTER:	LIAM VINCENT
SIGNATURE:	/Liam Vincent/
DATE SIGNED:	01/09/2020
Total Attachments: 4	
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source=0805 Assignment#page2.tif	
source=0805 Assignment#page3.tif	

ASSIGNMENT

WHEREAS, We, Liam Dubs, having an address of 1701 Rogers Rd. Apt. 308, Fort Worth, Texas 76107, USA; Jacob Andrew McGregor, having an address of 650 S Main St. Apt. 1324, Fort Worth, Texas 76104, USA; Brenden Michael Grove, having an address of 7317 Cabot Estates Dr., Mansfield, Texas 76063, USA, (hereinafter referred to as “Assignors”), have invented certain new and useful improvements in a **“WELLBORE PRESSURE SURGE SIMULATION SYSTEMS AND METHODS TO PERFORM SURGE SIMULATIONS”**, shown and described in a Provisional Application filed on October 7, 2019, and assigned Application No. 62/911,712 (the “Application”); and,

WHEREAS, Halliburton Energy Services, Inc., a Delaware corporation, having a correspondence address at 3000 N. Sam Houston Parkway E., Houston, Texas 77032, US, (“Halliburton”), is desirous of acquiring our entire right, title and interest in and to said inventions, Application and any patents which may issue thereon;

NOW, THEREFORE, be it 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, Assignors agree to assign and hereby assign to Halliburton for the territory of the United States of America and the entire world our entire right, title and interest in and to said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be directed to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Halliburton any right to recover for past and future infringement of the patents assigned herein.

Assignors HEREBY covenant and agree that Assignors will at any time, upon the request and at the expense of Halliburton, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said inventions, applications and patents, and Assignors authorize the Commissioner of Patents and Trademarks, or any other patent-issuing authority in the United States or any other country, to issue said patents to Halliburton.

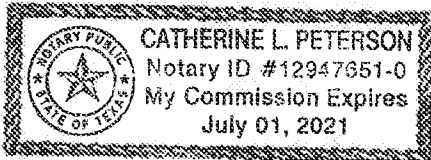
IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Liam Dubs
Liam Dubs

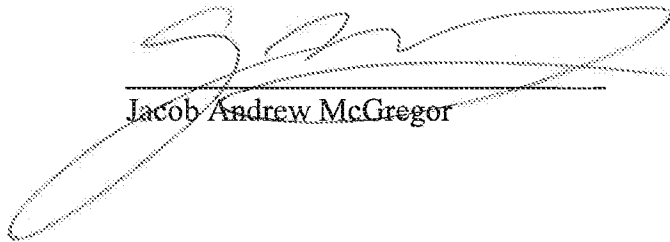
THE STATE OF: Texas §
COUNTY OF: Tarrant §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 8th day of October, 2019.

Notary Public: *Catherine L Peterson*
State of: Texas
My commission expires: July 01, 2021



IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

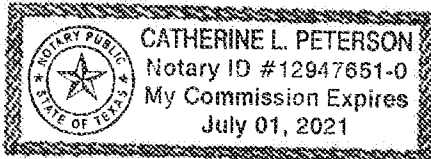


Jacob Andrew McGregor

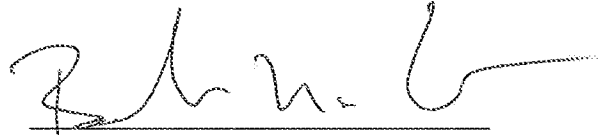
THE STATE OF: Texas §
COUNTY OF: Tarrant §

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Notary Public: Catherine L Peterson
State of: Texas
My commission expires: July 01, 2021



IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.



Brenden Michael Grove

THE STATE OF: TEXAS §
COUNTY OF: TARRANT §

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