506829746 08/21/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6876566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON WHYE KWONG WAI	10/14/2019
IRVIN HOW JIUN YUEN	10/14/2019

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16613067

CORRESPONDENCE DATA

Fax Number: (703)712-5050

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.

Phone: 7037125000

Email: patents@mcguirewoods.com MCGUIREWOODS, LLP Correspondent Name: Address Line 1: 1750 TYSONS BLVD.,

Address Line 2: **SUITE 1800**

Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	2069464-0745PTUS
NAME OF SUBMITTER:	CAMILLE J. BUTLER
SIGNATURE:	/Camille J. Butler/
DATE SIGNED:	08/21/2021

Total Attachments: 3

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PATENT REEL: 057247 FRAME: 0862 506829746

ASSIGNMENT

WHEREAS, We, Simon Whye Kwong Wai, having an address of 315 Jalan Ahmad Ibrahim, Singapore 639940, and Irvin How Jiun Yuen having an address of 315 Jalan Ahmad Ibrahim, Singapore 639940; have invented certain new and useful improvements in a "**DOWHOLE TRACTOR WITH BI-DIRECTIONAL WHEEL ASSEMBLY**", shown and described in an International Patent Application filed under the Patent Cooperation Treaty on February 1, 2019, and assigned International Application No. PCT/US2019/016423 (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, we 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. We hereby transfer and convey to Halliburton any right to recover for past and future infringement of the patents assigned herein.

We HEREBY covenant and agree that we 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 we 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.

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PATENT REEL: 057247 FRAME: 0863

ASSIGNMENT Docket No. 2069464-0745PTWO 2018-IPM-102715 U1 PCT

IN TESTIMONY V	VHEREOF, I execute this assign	iment on the date set fo	rth below my name.
		Simon Whye Kwo	Mai Wai
THE STATE OF:		§	
COUNTY OF:		§	
-	rsonally appeared the above-ide to be his voluntary act and deed		-
	Witness Notary Public: State of:	Count boo	at:
	My commission evnires		

REEL: 057247 FRAME: 0864

ASSIGNMENT Docket No. 2069464-0745PTWO 2018-IPM-102715 U1 PCT

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

		Irvin How Jiun Yuen	
THE STATE OF: COUNTY OF:		§ §	
		ntified individual and acknowledged that the on the day of	
	Witvels S Notary Public: State of: My commission expires:	COLIN KOO CL	

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RECORDED: 08/21/2021

PATENT REEL: 057247 FRAME: 0865