PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5388879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LORN SCOTT MACDONALD	05/24/2018

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032-3219	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16283062

CORRESPONDENCE DATA

Fax Number: (972)480-8865

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: 972-480-8800

Email: docket@pj-iplaw.com

Correspondent Name: HALLIBURTON ENERGY SERVICES, INC. C/O PA

Address Line 1: 14241 DALLAS PARKWAY

Address Line 2: SUITE 620

Address Line 4: DALLAS, TEXAS 75254

ATTORNEY DOCKET NUMBER:	2017-101357 U1 US
NAME OF SUBMITTER:	GREG H. PARKER
SIGNATURE:	/Greg H. Parker/
DATE SIGNED:	02/22/2019

Total Attachments: 2

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PATENT 505342097 REEL: 048412 FRAME: 0773

DOCKET NO:

2017-101357 UI PCT

PATENT

ASSIGNMENT

For valuable consideration, I, Lorn Scott MacDonald, a resident of Inverness, Scotland. hereby, assigns to Halliburton Energy Services, Inc., a corporation of Delaware, having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032, U.S.A., and its successors, assigns (collectively hereinafter called "the Assignee), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT Application entitled "ROLLING SEAL FOR TRANSFER OF PRESSURE IN A DOWNHOLE TOOL," this assignment including said application, any and all United States and foreign applications and patents, utility models, and design registrations for any of said inventions or improvements; and the right to claim priority based on the filing date of said application under all treaties; and we hereby authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assign, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Hafall

1, the undersigned, hereby certify that Lorn MacOonald appeared before me on the date detailed below and signed true Assignment personally before me.

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KAMISTON

Southon 10 BUTTE

24 MAY 2018

PATENT REEL: 048412 FRAME: 0774

On this $\frac{24^{78}}{}$, day of May, 2018, before me personally came Lorn Scott MacDonald, to me known to be the individual described herein and who executed the foregoing instrument and acknowledged execution of the same.

ARERDEEN!

KYLA LOUISE ARMSTRONIA

SOLICITOR ID 84936

PATENT REEL: 048412 FRAME: 0775

RECORDED: 02/22/2019