PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT THOMSON LESLIE	10/05/2016

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:	15539797

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	061429-1052753
NAME OF SUBMITTER:	MARGARET HORTON
SIGNATURE:	/MHORTON/
DATE SIGNED:	09/12/2018

Total Attachments: 2

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PATENT 505090638 REEL: 046852 FRAME: 0859

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

Whereas I, the undersigned inventor, have invented certain new and useful innovations as set forth in the patent application entitled:

EXTENDED POWER SYSTEM FOR DOWNHOLE TOOLS

the specification of which was filed with the U.S. Receiving Office of the PCT on September 28, 2016 and assigned application no. PCT/US2016/054159.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell
 and have assigned, transferred, conveyed, and sold to Halliburton Energy Services,
 Inc., a corporation of the State of Texas having a principal place of business at 3000
 N. Sam Houston Parkway E., Houston, Texas 77032-3219 ("Assignee"), the entire
 right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

PATENT REEL: 046852 FRAME: 0860 Assignment of Intellectual Property Rights in Application Patent Application Entitled: Extended Power System for Downhole Tools

Attorney Docket: 061429-1004163

Dated: 05-00T-2016

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(including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms; covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

	Dries a seesal and see		
Witness Signature:	Michelle		

Witness Printed Name: COUNTESTWELLS CRESCEM

> **PATENT** REEL: 046852 FRAME: 0861

RECORDED: 09/12/2018

Address: