

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2


EPAS ID: PAT3983598

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PETER DEREK WALTER INGLIS | 07/21/2014 |
| GORDON KENNETH SCOTT | 07/22/2014 |
| RALPH H. ECHOLS | 07/22/2014 |
| 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: | 15115158 |
| CORRESPONDENCE DATA | |
| Fax Number: | (877)769-7945 |
| <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> | |
| Phone: | 214-292-4039 |
| Email: | apsi@fr.com |
| Correspondent Name: | FISH & RICHARDSON P.C. |
| Address Line 1: | P.O. BOX 1022 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55440-1022 |
| ATTORNEY DOCKET NUMBER: | 17604-0132US1 |
| NAME OF SUBMITTER: | PEGGY C. HARRIS |
| SIGNATURE: | /Peggy C. Harris/ |
| DATE SIGNED: | 07/28/2016 |
| Total Attachments: 4 | |
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| source=17604-0132US1_Assignment#page4.tif | |

ASSIGNMENT

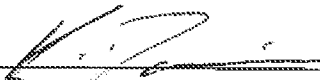
For valuable consideration, we, Peter Derek Walter Inglis, of Dundee, Scotland; Gordon Kenneth Scott, of Elliburn, Scotland; and Ralph H. Echols, of Aberdeen, Scotland, hereby assign to Halliburton Energy Services, Inc., a Delaware corporation having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, and its successors and 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 DOWNHOLE BALL VALVE, filed 25 July 2014, and assigned PCT Serial Number PCT/US2014/048189, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 assigns, 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.

Date: 21/5/2014



Peter Derek Walter Inglis

Witnessed by:

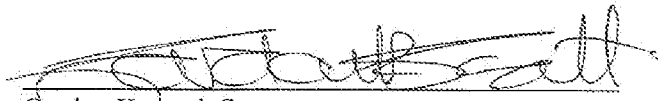
Name:  _____

Date: 21/7/14

Name:  _____

Date: 21/7/14

Date: 22 JULY 2014


Gordon Kenneth Scott

Witnessed by:

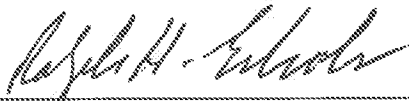
Name: RICHARD GILCHRIST

Date: 22-JUL-2014

Name: Andreas Fuenmayer

Date: 22-July-2014

Date: 7-22-14


Ralph H. Echols

Witnessed by:

Name: Sharon Battalora

Date: 7-22-14

Name: _____

Date: _____

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