

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrew M. DOWNIE</td> <td>10/22/2012</td> </tr> <tr> <td>Christopher P. CRAMPTON</td> <td>10/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Andrew M. DOWNIE	10/22/2012	Christopher P. CRAMPTON	10/22/2012				
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Andrew M. DOWNIE	10/22/2012										
Christopher P. CRAMPTON	10/22/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Boulevard</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77072</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Boulevard	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1260345</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1260345						
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PCT Number:	US1260345										
CORRESPONDENCE DATA											
<p>Fax Number: 9725160608  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972-516-0030        Email: mail@smithipservices.com        Correspondent Name: SMITH IP SERVICES, P.C.        Address Line 1: PO Box 997        Address Line 4: ROCKWALL, TEXAS 75087</p>											
ATTORNEY DOCKET NUMBER:	12-056062										
NAME OF SUBMITTER:	Sally Ann Smith										
<p>Total Attachments: 3        source=Assignment#page1.tif        source=Assignment#page2.tif        source=Assignment#page3.tif</p>											

OP \$40.00 US1260345

### ASSIGNMENT

In consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we the undersigned, **Andrew M. DOWNIE** and **Christopher P. CRAMPTON**, having made an invention in a **"DRILLING MOTOR WITH ONE-WAY ROTARY CLUTCH"** while in the employ of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in a **"DRILLING MOTOR WITH ONE-WAY ROTARY CLUTCH"**;

2. International Application on said invention, Agent File Reference No. **12-056062**, Serial No. **PCT/US12/60345** filed **16 October 2012**, entitled **"DRILLING MOTOR WITH ONE-WAY ROTARY CLUTCH"**;

3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and we covenant that we, our heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and

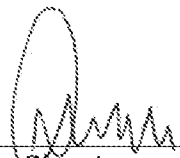
perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Awar, Scotland, on the 22 day of October, 2012.

  
Andrew M. DOWNIE

#### ACKNOWLEDGEMENT

BEFORE ME, the undersigned witness, on this day personally appeared **Andrew M. DOWNIE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, on this 22<sup>nd</sup> day of October, 2012.

  
Witness Signature

D. Gould  
Witness Name

21 TOWNHEAD


AUCHTERARDEE, PH3 1AH  
Witness Address

EXECUTED at Alton, Scotland, on the 22nd day of  
October, 2012.

  
\_\_\_\_\_  
Christopher P. CRAMPTON

#### ACKNOWLEDGEMENT

BEFORE ME, the undersigned witness, on this day personally  
appeared **Christopher P. CRAMPTON**, known to me to be the person whose  
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he executed the same for the purposes and consideration therein expressed,  
on this 22<sup>nd</sup> day of October, 2012.

  
\_\_\_\_\_  
Witness Signature

O. GOULD  
\_\_\_\_\_  
Witness Name

21 TOWNHEAD  
\_\_\_\_\_

AUCHTERADER, PHS TAN  
\_\_\_\_\_  
Witness Address