

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>James Dan Vick Jr.</td> <td>12/22/2011</td> </tr> <tr> <td>Jimmie Robert Williamson Jr.</td> <td>12/22/2011</td> </tr> <tr> <td>Bruce Edward Scott</td> <td>01/03/2012</td> </tr> <tr> <td>Russell Irving Bayh</td> <td>01/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	James Dan Vick Jr.	12/22/2011	Jimmie Robert Williamson Jr.	12/22/2011	Bruce Edward Scott	01/03/2012	Russell Irving Bayh	01/03/2012
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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>US1165204</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1165204						
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PCT Number:	US1165204										
CORRESPONDENCE DATA											
<p>Fax Number: (404)541-3116</p> <p>Phone: 4004-815-6500</p> <p>Email: andavis@kilpatricktownsend.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: John S. Pratt, Esq.</p> <p>Address Line 1: Kilpatrick Townsend & Stockton LLP</p> <p>Address Line 2: 1100 Peachtree Street, Ste. 2800</p> <p>Address Line 4: Atlanta, GEORGIA 30309</p>											
ATTORNEY DOCKET NUMBER:	61429-826271										
NAME OF SUBMITTER:	Angie Davis										
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>											

OP \$40.00 US1165204

ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in an international PCT patent application entitled "*Integrated Opening Subsystem for Well Closure System*," which was filed with the U.S. Patent & Trademark Office on December 15, 2011 and assigned application no. PCT/US2011/065204.

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey, to Halliburton Energy Services, Inc., a corporation of the State of Texas having a principal place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 ("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 and any application based in whole or in part upon the above-referenced patent application, including, without limitation, any application that is a provisional, non-provisional, design, divisional, continuation, continuation-in-part, reissue, reexamination, or non-U.S. patent application based in whole or in part on the above-referenced patent application; and
 - (c) any patent (including, without limitation, any U.S. and non-U.S. patents, utility models, industrial designs, design patents, continuations, continuations-in-part, divisionals, reissues and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.
2. Authorize and request the Commissioner of Patents or any other agency, U.S. or non-U.S., 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 under paragraph 1.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths, and petitions, and, at the Assignee's expense, perform any acts that are necessary in connection with prosecution of patent application(s) or intellectual property under paragraph 1 and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.

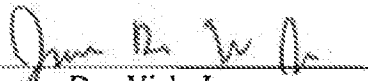
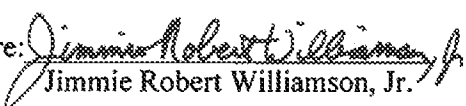
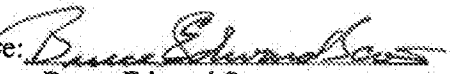
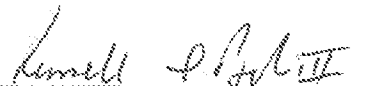
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PCT Application No. PCT/US2011/065204

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4. Agree that the terms, covenants, and conditions of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Warrant and represent that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature:  Date: 12/22/11
James Dan Vick, Jr.
- 2) Signature:  Date: 12/22/2011
Jimmie Robert Williamson, Jr.
- 3) Signature:  Date: 1/2/12
Bruce Edward Scott
- 3) Signature:  Date: 1/3/2012
Russell Irving Bay