

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>Stanley V. STEPHENSON</td> <td>07/24/2013</td> </tr> <tr> <td>Jim B. SURJAATMADJA</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Stanley V. STEPHENSON	07/24/2013	Jim B. SURJAATMADJA	07/24/2013				
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Jim B. SURJAATMADJA	07/24/2013										
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>Application Number:</td> <td>13951223</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13951223						
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CORRESPONDENCE DATA											
Fax Number: 9725160608 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 972-516-0030 Email: mail@smithipservices.com Correspondent Name: SMITH IP SERVICES, P.C. Address Line 1: P.O. Box 997 Address Line 4: Rockwall, TEXAS 75087											
ATTORNEY DOCKET NUMBER:	2012-IP-058995 U1 US										
NAME OF SUBMITTER:	Sally Ann Smith										
Signature:	/Sally Ann Smith/										
Date:	07/25/2013										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

OP \$40.00 13951223

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, **Stanley V. STEPHENSON** and **Jim B. SURJAATMADJA**, having made an invention in "**TUBULAR STRING DISPLACEMENT ASSISTANCE**" 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 "**TUBULAR STRING DISPLACEMENT ASSISTANCE**";

2. United States of America patent application on said invention, Attorney File No. **2012-IP-058995 U1 US**, executed by me, entitled "**TUBULAR STRING DISPLACEMENT ASSISTANCE**";

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 Stephens County, Oklahoma, on the 24TH
day of July, 2013.


Stanley V. STEPHENSON

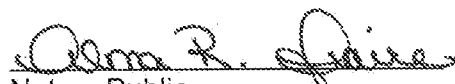
STATE OF OKLAHOMA §
§
COUNTY OF STEPHENS §

BEFORE ME, the undersigned authority, on this day personally appeared **Stanley V. STEPHENSON** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 24TH
day of July, 2013.

[SEAL]

NOTARY PUBLIC State of Okla. ALMA FRAIRE Comm. # 12006759 Expires 07-18-2016


Notary Public

My Commission Expires:


Jim B. SURJAATMADJA

PATENT
REEL: 030880 FRAME: 0090