

PATENT ASSIGNMENT COVER SHEET

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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>RICARDO ORTIZ</td><td>09/13/2012</td></tr><tr><td>MARK SITKA</td><td>09/13/2012</td></tr></tbody></table>	Name	Execution Date	RICARDO ORTIZ	09/13/2012	MARK SITKA	09/13/2012	
Name	Execution Date						
RICARDO ORTIZ	09/13/2012						
MARK SITKA	09/13/2012						
RECEIVING PARTY DATA							
Name:	HALLIBURTON ENERGY SERVICES, INC.						
Street Address:	10200 BELLAIRE BOULEVARD						
City:	HOUSTON						
State/Country:	TEXAS						
Postal Code:	77072						
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>14364913</td></tr></tbody></table>	Property Type	Number	Application Number:	14364913			
Property Type	Number						
Application Number:	14364913						
CORRESPONDENCE DATA							
Fax Number:	(972)516-0608						
<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:	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-054048 US						
NAME OF SUBMITTER:	SALLY ANN SMITH						
SIGNATURE:	/Sally Ann Smith/						
DATE SIGNED:	06/12/2014						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

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, **Ricardo ORTIZ** and **Mark SITKA**, having made an invention in a **"MUD PULSER WITH HIGH SPEED, LOW POWER INPUT HYDRAULIC ACTUATOR"** 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 **"MUD PULSER WITH HIGH SPEED, LOW POWER INPUT HYDRAULIC ACTUATOR"**;

2. International Application on said invention, Agent File Reference No. **12-054048**, Serial No. **PCT/US12/53610** filed **04 September 2012**, entitled **"MUD PULSER WITH HIGH SPEED, LOW POWER INPUT HYDRAULIC ACTUATOR"**;

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

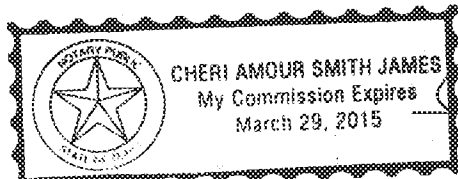
EXECUTED at Harris County, Texas, on the 13th
day of September, 2012.

Mark Sitka
Mark SITKA

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared Mark SITKA 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.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the
13th day of September, 2012.



[SEAL]

Cheri Amour Smith James
Notary Public

My Commission Expires: