

PATENT ASSIGNMENT

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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>Robert Brice PATTERSON</td> <td>06/28/2012</td> </tr> <tr> <td>William Colt ABLES</td> <td>06/28/2012</td> </tr> <tr> <td>Jon Jacob GILES</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Robert Brice PATTERSON	06/28/2012	William Colt ABLES	06/28/2012	Jon Jacob GILES	06/28/2012
Name	Execution Date								
Robert Brice PATTERSON	06/28/2012								
William Colt ABLES	06/28/2012								
Jon Jacob GILES	06/28/2012								
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>13544750</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13544750				
Property Type	Number								
Application Number:	13544750								
CORRESPONDENCE DATA									
Fax Number:	9727312289								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(972)731-2288								
Email:	dallaspatents@dfw.conleyrose.com								
Correspondent Name:	Rodney B. Carroll								
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Address Line 4:	Plano, TEXAS 75024								
ATTORNEY DOCKET NUMBER:	HES 2011-IP-044406U1								
NAME OF SUBMITTER:	Rodney B. Carroll								
Total Attachments: 4 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif source=ExecutedAssignment#page4.tif									

CH \$40.00 13544750

ASSIGNMENT

Whereas, We, Robert Brice PATTERSON and William Colt ABLES of Duncan, Oklahoma, and Jon Jacob GILES of Marlow, Oklahoma have invented “WELLBORE SERVICING ASSEMBLIES AND METHODS OF USING THE SAME” for which we have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application Serial No. 13/544,750 filed on July 9, 2012 (attorney is authorized to fill in the blank when known), and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us and had this assignment and sale not been made.

And we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And we do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to us, and to testify as to such facts in any interference or other litigation.

Executed this 28th day of June, 2012.

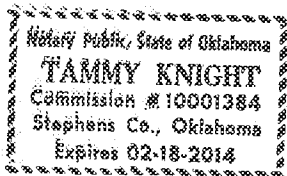
Robert Brice Patterson
Robert Brice Patterson

STATE OF OKLAHOMA)
) SS
COUNTY OF STEPHENS)

Before me personally appeared said **Robert Brice Patterson** and acknowledged the foregoing instrument to be his free act and deed this 28th day of June, 2012.

Seal

Tammy Knight
(Notary)



Executed this 28th day of June, 2012.

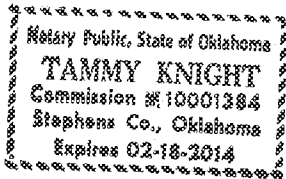
William Colt Ables
William Colt Ables

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)


Before me personally appeared said **William Colt Ables** and acknowledged the foregoing instrument to be his free act and deed this 28th day of June, 2012.

Seal

Tammy Knight
(Notary)



Executed this 28 day of June, 2012.



Jon Jacob Giles

STATE OF OKLAHOMA)
) ss
COUNTY OF)

Before me personally appeared said **Jon Jacob Giles** and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2012.

Seal

(Notary)