

## 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>B. Raghava REDDY</td> <td>05/09/2013</td> </tr> <tr> <td>Larry S. EOFF</td> <td>05/09/2013</td> </tr> <tr> <td>Christopher A. LEWIS</td> <td>05/09/2013</td> </tr> <tr> <td>Natalie L. PASCARELLA</td> <td>05/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	B. Raghava REDDY	05/09/2013	Larry S. EOFF	05/09/2013	Christopher A. LEWIS	05/09/2013	Natalie L. PASCARELLA	05/09/2013
Name	Execution Date										
B. Raghava REDDY	05/09/2013										
Larry S. EOFF	05/09/2013										
Christopher A. LEWIS	05/09/2013										
Natalie L. PASCARELLA	05/09/2013										
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>13893868</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13893868						
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Application Number:	13893868										
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										
Address Line 1:	5601 Granite Parkway, Suite 500										
Address Line 4:	Plano, TEXAS 75024										
ATTORNEY DOCKET NUMBER:	HES 2012-IP-063704U1										
NAME OF SUBMITTER:	Rodney B. Carroll										
Signature:	/Rodney B. Carroll/										

Date:

05/14/2013

Total Attachments: 5

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**ASSIGNMENT**

Whereas, We, B. Raghava REDDY of The Woodlands, Texas, Larry S. EOFF of Duncan, Oklahoma, Christopher A. LEWIS and Natalie A. PASCARELLA both of Houston, Texas have invented "WELLBORE SERVICING MATERIALS AND METHODS OF MAKING AND USING 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. 13/893,868 filed on May 14, 2013 (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 9 day of May, 2013.

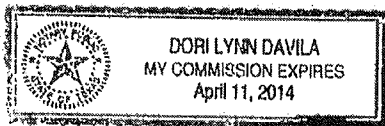
B. Raghava Reddy  
B. Raghava REDDY

STATE OF TEXAS            )  
  ) ss  
COUNTY OF HARRIS        )

Before me personally appeared said **B. Raghava REDDY** and acknowledged the foregoing instrument to be his free act and deed this 9 day of May, 2013.

Seal

[Signature]  
(Notary)



Executed this 9<sup>th</sup> day of May, 2013.

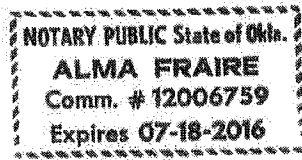
Larry S. EOFF  
Larry S. EOFF

STATE OF OKLAHOMA     )  
  ) ss  
COUNTY OF STEPHENS     )

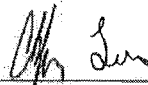
Before me personally appeared said Larry S. EOFF and acknowledged the foregoing instrument to be his free act and deed this 9<sup>th</sup> day of May, 2013.

Seal

Alma R. Fraire  
(Notary)



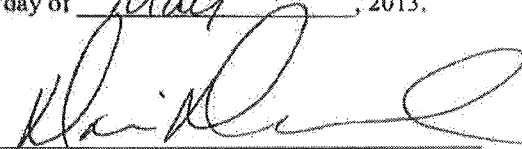
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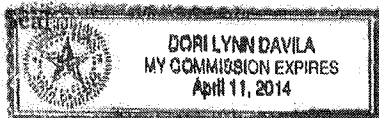
\_\_\_\_\_  
Christopher A. LEWIS

STATE OF TEXAS            )  
  ) ss  
COUNTY OF HARRIS    )

Before me personally appeared said **Christopher A. LEWIS** and acknowledged the foregoing instrument to be his free act and deed this 9 day of May, 2013.



\_\_\_\_\_  
(Notary)



Executed this 9 day of May, 2013.

Natalie Pascarella  
Natalie A. PASCARELLA

STATE OF TEXAS            )  
  ) ss  
COUNTY OF HARRIS        )

Before me personally appeared said Natalie A. PASCARELLA and acknowledged the foregoing instrument to be his free act and deed this 9 day of May, 2013.

Seal

[Signature]  
(Notary)

