

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>Bryan Chapman LUCAS</td> <td>04/24/2013</td> </tr> <tr> <td>Wesley John WARREN</td> <td>04/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bryan Chapman LUCAS	04/24/2013	Wesley John WARREN	04/24/2013
Name	Execution Date						
Bryan Chapman LUCAS	04/24/2013						
Wesley John WARREN	04/24/2013						
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>13872891</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13872891		
Property Type	Number						
Application Number:	13872891						
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 2012-IP-065496U1						
NAME OF SUBMITTER:	Rodney B. Carroll						
Signature:	/Rodney B. Carroll/						
Date:	04/30/2013						
Total Attachments: 3 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif							

CH \$40.00 13872891

ASSIGNMENT

Whereas, We, Bryan Chapman LUCAS of Duncan, Oklahoma and Wesley John WARREN of Marlow, Oklahoma have invented "MANIPULATABLE FILTER SYSTEM" 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. 13/872,891 filed on April 29, 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.

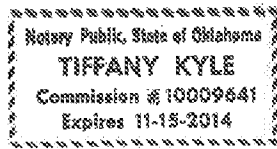
Executed this 24th day of APRIL, 2013.

Bryan Chapman LUCAS
Bryan Chapman LUCAS

STATE OF OKLAHOMA)
) ss
COUNTY OF Stephens)

Before me personally appeared said Bryan Chapman LUCAS and acknowledged the foregoing instrument to be his free act and deed this 24th day of April, 2013.

Seal



Tiffany Kyle
(Notary)

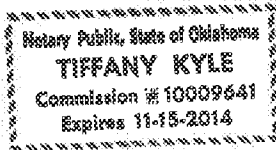
Executed this 24 day of April, 2013.

Wesley John Warren
 Wesley John WARREN

STATE OF OKLAHOMA)
) ss
 COUNTY OF Stephens)

Before me personally appeared said Wesley John WARREN and acknowledged the foregoing instrument to be his free act and deed this 24th day of April, 2013.

Seal



Tiffany Kyle
 (Notary)