

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>Enrique A. Reyes</td> <td>10/20/2009</td> </tr> <tr> <td>Jimmie D. Weaver</td> <td>10/20/2009</td> </tr> <tr> <td>Richard D. Rickman</td> <td>10/20/2009</td> </tr> <tr> <td>Hongyu Luo</td> <td>10/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	Enrique A. Reyes	10/20/2009	Jimmie D. Weaver	10/20/2009	Richard D. Rickman	10/20/2009	Hongyu Luo	10/29/2009
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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											
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CORRESPONDENCE DATA											
<p>Fax Number: (580)251-3917</p> <p>Phone: 580-251-3125</p> <p>Email: dallen@mwe.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ROBERT A. KENT</p> <p>Address Line 1: P.O. BOX 1431</p> <p>Address Line 4: DUNCAN, OKLAHOMA 73536</p>											
ATTORNEY DOCKET NUMBER:	086108-0633										
NAME OF SUBMITTER:	Debbie Allen										
<p>Total Attachments: 3</p> <p>source=0861080633Assign#page1.tif</p> <p>source=0861080633Assign#page2.tif</p> <p>source=0861080633Assign#page3.tif</p>											

CH \$40.00 13431066

ASSIGNMENT

Whereas, I/We, **Enrique A. Reyes, Jimmie D. Weaver, Richard D. Rickman and Hongyu Luo**, all of Stephens County, Duncan, Oklahoma, have invented "**Geochemical Control of Fracturing Fluids**" for which I have made application for Letters Patent of the United States; and

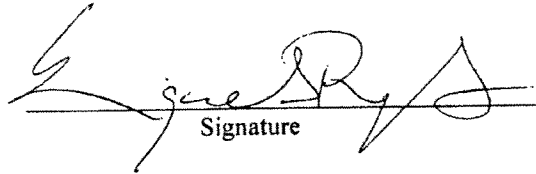
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/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 number **12/574,054** filed on **10/06/2009**, 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 me and had this assignment and sale not been made.

And I 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 I 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 me, and to testify as to such facts in any interference or other litigation.

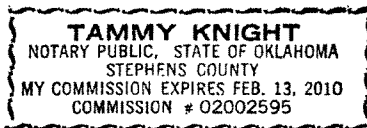
Executed this 20 day of October, 2009, at Duncan, Stephens County, Oklahoma, U.S.A.

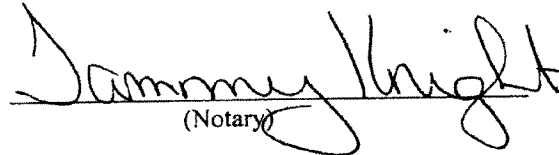

Signature

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

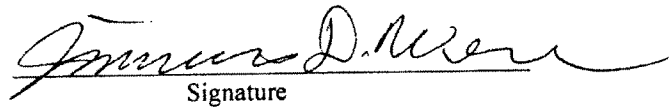
Before me personally appeared said **Enrique A. Reyes** and acknowledged the foregoing instrument to be his free act and deed this 20th day of October, 2009.

Seal




(Notary)

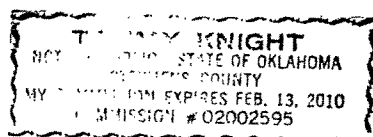
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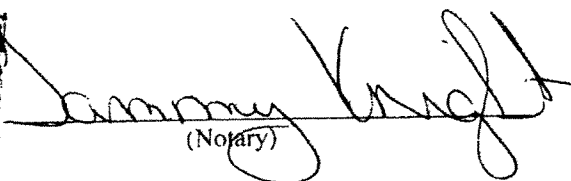

Signature

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said **Jimmie D. Weaver** and acknowledged the foregoing instrument to be his free act and deed this 20th day of October, 2009.

Seal




(Notary)

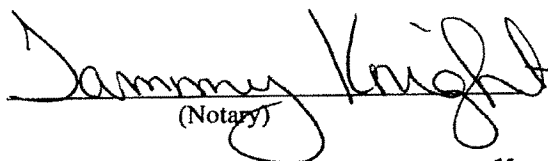
Executed this 20th day of October, 2009, at Duncan, Stephens County, Oklahoma, U.S.A.


Signature

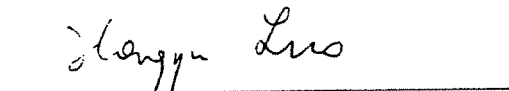
STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said **Richard D. Rickman** and acknowledged the foregoing instrument to be his free act and deed this 20th day of October, 2009.

Seal


(Notary)

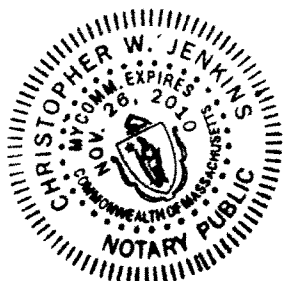
Executed this 29th day of October, 2009, at Waltham, Middlesex County, Massachusetts USA
~~Duncan, Stephens County, Oklahoma, U.S.A.~~

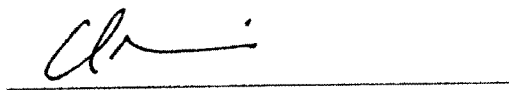

Signature

Massachusetts
STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said **Hongyu Luo** and acknowledged the foregoing instrument to be his free act and deed this 27 day of October, 2009.

Seal




(Notary)