

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>Philip D. Nguyen</td> <td>09/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Philip D. Nguyen	09/20/2012						
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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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13625903</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13625903						
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CORRESPONDENCE DATA											
Fax Number:	5802513917										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	580-251-3125										
Email:	dallen@mwe.com										
Correspondent Name:	ROBERT A. KENT										
Address Line 1:	P.O. BOX 1431										
Address Line 4:	DUNCAN, OKLAHOMA 73536										
ATTORNEY DOCKET NUMBER:	086108-0834										
NAME OF SUBMITTER:	Debbie Allen										
This document serves as an Oath/Declaration (37 CFR 1.63).											
Total Attachments: 2 source=0861080834Decl#page1.tif source=0861080834Decl#page2.tif											

CH \$40.00 13625903

DECLARATION AND ASSIGNMENT

Whereas, I Philip D. Nguyen have invented:

- The attached application to be filed as a United States application or PCT international application, or
- United States application or PCT international application number _____ filed on _____; and,

entitled "METHODS OF ENHANCING FRACTURING STIMULATION IN SUBTERRANEAN FORMATIONS USING IN SITU FOAM GENERATION AND PRESSURE PULSING."

Regarding that application, I declare the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

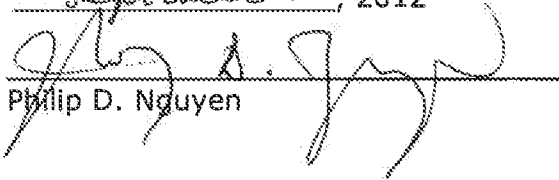
Moreover, Whereas, Halliburton Energy Services, Inc., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, TX 77072 is desirous of acquiring an interest therein;

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 identified above, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Halliburton Energy Services, Inc., for its own use and benefit, 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.

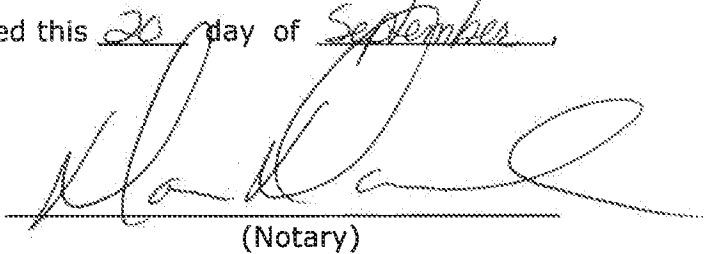
Executed this 20th day of September, 2012


Philip D. Nguyen

STATE OF TEXAS)
COUNTY OF HARRIS)

Before me personally appeared said Philip D. Nguyen and acknowledged the foregoing instrument to be a free act and deed this 20 day of September, 2012.

Seal


(Notary)

