

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Philip D. Nguyen	08/15/2012
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	
Property Type	Number
Application Number:	13596662
CORRESPONDENCE DATA	
Fax Number:	5802513917
Phone:	580-251-3125
Email:	dallen@mwe.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	ROBERT A. KENT
Address Line 1:	P.O. BOX 1431
Address Line 4:	DUNCAN, OKLAHOMA 73536
ATTORNEY DOCKET NUMBER:	086108-0669
NAME OF SUBMITTER:	Debbie Allen
Total Attachments: 2 source=0861080669Assign#page1.tif source=0861080669Assign#page2.tif	

CH \$40.00 13596662

ASSIGNMENT

Whereas, I Philip D. Nguyen of 13419 Piney View Lane, Houston, TX, 77044 have invented "METHODS OF FORMING PILLARS AND CHANNELS IN PROPPED FRACTURES " 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, 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, I, 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 filed concurrently herewith, 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.

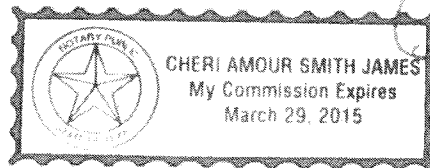
Executed this 15th day of August, 2012

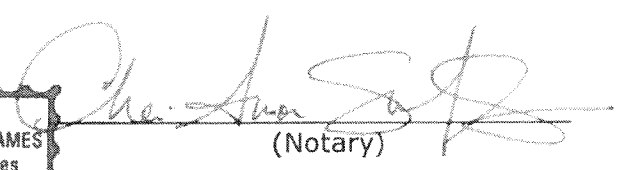

Philip D. Nguyen

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 15th day of August, 2012.

Seal




(Notary)