

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4728569

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PHILIP D. NGUYEN	04/27/2012
	JEFF T. FLEMING	04/26/2012
RECEIVING PARTY DATA		
Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032-3219	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15820179
CORRESPONDENCE DATA		
Fax Number:	(949)851-9348	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	9498510633	
Email:	svelazquez@mwe.com	
Correspondent Name:	MARK J. ITRI	
Address Line 1:	4 PARK PLAZA	
Address Line 2:	SUITE 1700	
Address Line 4:	IRVINE, CALIFORNIA 92614	
ATTORNEY DOCKET NUMBER:	098273-2139	
NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171	
SIGNATURE:	/Mark J. Itri/	
DATE SIGNED:	12/11/2017	
Total Attachments: 2		
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source=098273-2139_Assignment#page2.tif		

ASSIGNMENT

Whereas, I/We, **Philip D. Nguyen** and **Jeff T. Fleming** both of Stephens County, Duncan, Oklahoma, have invented **"Propping Complex Fracture Networks in Tight Formations"** for which I have made application for Letters Patent of the United States; and

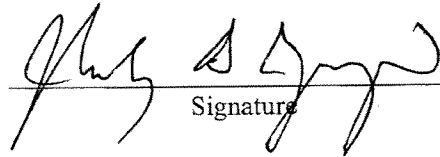
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other 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 first executed on April 26, 2012, submitted concurrently herewith, 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.

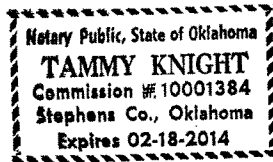
Executed this 27th day of April, 2012, at Duncan, Stephens County,
Oklahoma U.S.A.

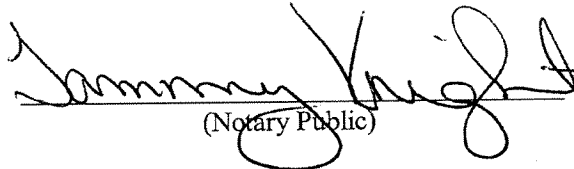

Signature

State of Oklahoma)
) ss
County of Stephens)

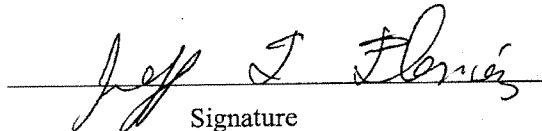
Before me personally appeared said **Philip D. Nguyen** and acknowledged the foregoing
instrument to be his free act and deed this 27th day of April, 2012.

Seal




(Notary Public)

Executed this 26th day of April, 2012, at Duncan, Stephens County,
Oklahoma U.S.A.

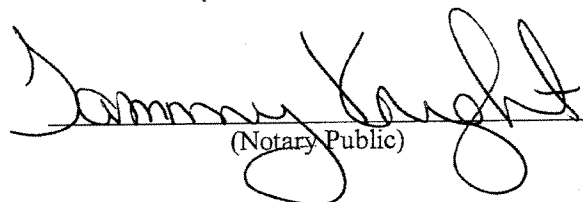

Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Jeff T. Fleming** and acknowledged the foregoing instrument
to be his free act and deed this 26th day of April, 2012.

Seal




(Notary Public)