

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4451774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILIP D. NGUYEN	01/20/2015
SHOY G. CHITTATTUKARA	01/21/2015
PRAJAKTA R. PATIL	01/21/2015
VIJAY PATNANA	01/21/2015
ANJALI R. SARDA-MANTRI	01/26/2015
SUMIT S. KONALE	01/21/2015
RECEIVING PARTY DATA	
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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:	15534423
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ATTORNEY DOCKET NUMBER:	1392-005.02
NAME OF SUBMITTER:	VY NGUYEN
SIGNATURE:	/Vy Nguyen/
DATE SIGNED:	06/08/2017
Total Attachments: 7	

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ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Philip D. NGUYEN, Shoy G. CHITTATTUKARA, Prajakta R. PATIL, Vijay PATNANA, Anjali R. SARDA-MANTRI, and Sumit S. KONALE,** having made an invention in **“METHODS AND COMPOSITIONS FOR STABILIZING FRACTURE FACES DURING HYDRAULIC FRACTURING TREATMENTS”**, while in the employment of **HALLIBURTON ENERGY SERVICES, INC.**, a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E, Houston, Texas 77032, (sometimes hereinafter called **“ASSIGNEE”**), do hereby **ASSIGN, SELL** and **CONVEY** to said **ASSIGNEE**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **“METHODS AND COMPOSITIONS FOR STABILIZING FRACTURE FACES DURING HYDRAULIC FRACTURING TREATMENTS”**;

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US2015/011979, filed 20 January 2015, (Attorney's File No. 1392-005.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled **“METHODS AND COMPOSITIONS FOR STABILIZING FRACTURE FACES DURING HYDRAULIC FRACTURING TREATMENTS”**;

3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. The right to **ASSIGNEE** to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of **ASSIGNEE**, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give **ASSIGNEE**, its successors and assigns, the full benefit of this Assignment.

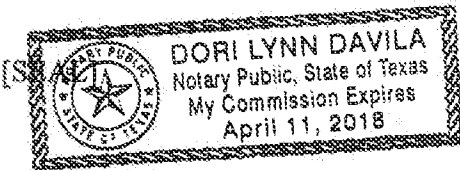
EXECUTED at Harris County, TX, on the 20 day of January 2015.

[Handwritten Signature]
Philip D. NGUYEN

STATE OF TEXAS §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Philip D. NGUYEN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 20 day of January 2015.



[Handwritten Signature]
Notary Public

My Commission Expires: 4-11-18

EXECUTED on the ²¹ day of Jan, 2015.

Shoy G. Chittattukara

Shoy G. CHITTATTUKARA

BEFORE ME, the undersigned, on this day personally appeared Shoy G. CHITTATTUKARA, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Manica

Witness

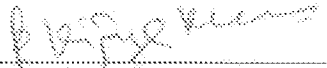
EXECUTED on the 21st day of Jan, 2015.

P. Patil
Prajakta R. PATIL

BEFORE ME, the undersigned, on this day personally appeared Prajakta R. PATIL, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.


Monica
Witness

EXECUTED on the 24 day of January, 2015.



Vijay PATNANA

BEFORE ME, the undersigned, on this day personally appeared Vijay PATNANA, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.



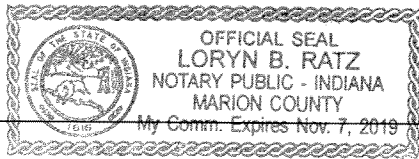
Witness

EXECUTED on the 24 day of Jan, 2015.

Sarda

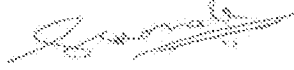
Anjali R. SARDA-MANTRI

BEFORE ME, the undersigned, on this day personally appeared **Anjali R. SARDA-MANTRI**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.



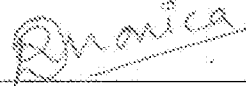
Loryn B. Ratz
Witness

EXECUTED on the 23rd day of Jan, 2015.



Sumit S. KONALE

BEFORE ME, the undersigned, on this day personally appeared Sumit S. KONALE, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.



Witness