

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DINESH ANANDA SHETTY	12/16/2015
AVI LIN	12/22/2015
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
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State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15763158
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ATTORNEY DOCKET NUMBER:	2015-099233 U1 US
NAME OF SUBMITTER:	GREG H. PARKER
SIGNATURE:	/Greg H. Parker/
DATE SIGNED:	03/28/2018
Total Attachments: 3	
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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, **DINESH ANANDA SHETTY** and **AVI LIN**, having made an invention in **“FRACTURE NETWORK FLUID FLOW SIMULATION WITH JUNCTION AREA MODELING”**, 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, TX 77032-3219, USA, (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 **“FRACTURE NETWORK FLUID FLOW SIMULATION WITH JUNCTION AREA MODELING”**;

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US2015/059756 filed November 9, 2015, (Attorney's File No. 1392-093.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled **“FRACTURE NETWORK FLUID FLOW SIMULATION WITH JUNCTION AREA MODELING”**;

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, TX, on the 16th day of December, 2015.
(County) (State)

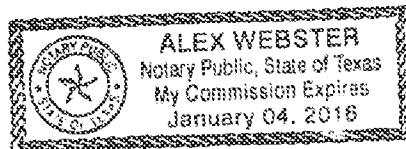
DINESH ANANDA SHETTY

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared DINESH ANANDA SHETTY, 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 16th day of December 2015.

[SEAL]



Alex Webster
Notary Public

My Commission Expires: 1/4/2016

EXECUTED at Harris, TX, on the 22nd day of December, 2015.
(County) (State)

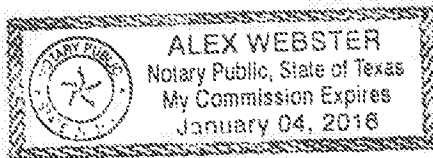
AVI LIN

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared AVI LIN, 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 22nd day of December, 2015.

[SEAL]



Alex Webster
Notary Public

My Commission Expires: 1/4/2016