

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6228405

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XINPU SHEN	09/19/2016
DOUGLAS HUBER	09/25/2016
GUOYANG SHEN	09/19/2016
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16325444
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	C-085126-609546
NAME OF SUBMITTER:	SABRINA ALANIZ
SIGNATURE:	/Sabrina Alaniz/
DATE SIGNED:	07/31/2020
Total Attachments: 4	
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source=2015-IPM-099342 U1 US_Executed Assignment_C-085126-609546#page2.tif	
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ASSIGNMENT

WHEREAS, we, **Xinpu Shen, Douglas Huber and Guoyang Shen** are the joint inventors of "**Performing Steam Injection Operations in Heavy Oil Formations**" for which PCT application papers are being filed concurrently herewith; and

WHEREAS, **Halliburton Energy Services, Inc.** ("**Halliburton**"), a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said **Halliburton**, its successors, assigns, and designees all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of **Halliburton** or whomsoever that company may nominate, and to claim the priority of the above-named PCT application under the International Convention of Paris of 1883.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to **Halliburton**, its successors, assigns, designees or other legal representatives, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefore, to **Halliburton**, its successors, assigns, designees, or other legal representatives and that if **Halliburton**, its successors, assigns, designees or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, designees or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to **Halliburton**, its successors, assigns, designees or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, designee, its successors, or other legal representatives.

And we hereby agree that we will upon request execute any instrument which **Halliburton**, or whomsoever that company may nominate, desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned PCT applications or any foreign application on this invention.

IN TESTIMONY WHEREOF, we have executed this Assignment next to our names below, which shall be effective as of September 16, 2016.

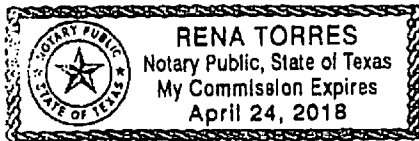
Signature:


Xinpu Shen
Xinpu Shen

09-19-2016
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 19th day of September 2016, to certify which witness my hand and seal of office.

RENA TORRES
Notary Public in and for TEXAS



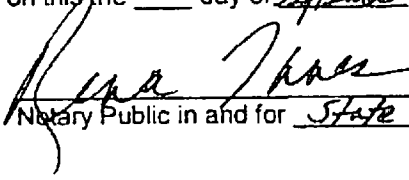


Douglas Huber

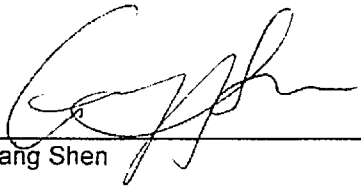
Sept 25/16
Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 25 day of September, 2016, to certify which witness my hand and seal of office.





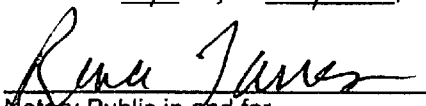
Notary Public in and for State of TEXAS



Guoyang Shen

Date 9/19/2016

SUBSCRIBED AND SWORN TO BEFORE ME on this the 19th day of September, 2016, to certify which witness my hand and seal of office.



Notary Public in and for
The State of TEXAS

