

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5466102

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FREDERIC NICOLAS FELTEN	01/07/2016
PAUL ANTHONY HAINES	03/07/2016
AMMAR ABDILGHANIE MOHAMMED	03/03/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16120968
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)374-1600
<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>	
<b>Phone:</b>	713-374-1600
<b>Email:</b>	salaniz@polsinelli.com
<b>Correspondent Name:</b>	POLSINELLI PC
<b>Address Line 1:</b>	1000 LOUISIANA STREET
<b>Address Line 2:</b>	SUITE 6400
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	00930DV-60369
<b>NAME OF SUBMITTER:</b>	SABRINA ALANIZ
<b>SIGNATURE:</b>	/Sabrina Alaniz/
<b>DATE SIGNED:</b>	04/09/2019
<b>Total Attachments: 5</b>	
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**WORLDWIDE ASSIGNMENT**

WHEREAS, WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Frederic Nicolas FELTEN, 1911 Bridgestone Drive, Corinth, Texas 76210  
UNITED STATES

Paul Anthony HAINES, 133 Skipper Jack, Montgomery, Texas 77316  
UNITED STATES

Ammar ABDILGHANIE MOHAMMED, Faculty Housing F04, American University of  
Sharjah, PO Box 26666, Sharjah, UNITED ARAB EMIRATES

has/have invented a **MIXING AND DISPERSION OF A TREATMENT CHEMICAL IN A  
DOWN HOLE INJECTION SYSTEM** ("Invention") for which one or more applications for  
patent, design registration, utility model registration, or other form of protection, rights, or title  
have been or will be made in certain countries ("Applications"), as further described below:

PCT Application No. PCT/US2015/060262, filed November 12, 2015.

AND WHEREAS, **HALLIBURTON ENERGY SERVICES, INC.**, (hereinafter  
referred to as the "ASSIGNEE"), a company organized under the laws of Delaware, having a  
place of business at 3000 N. SAM HOUSTON PARKWAY E., HOUSTON, TEXAS 77032, is  
desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said  
Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived  
from said Applications, and all patents, design registrations, utility model registrations and other  
forms of protection, rights and titles relating to said Invention, in any country or countries and in  
respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are  
hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have  
transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer,  
convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to:  
the Invention; the Applications; any further applications for patent, design registration, utility  
model registration or other forms of protection, rights or titles for the whole or any part or parts  
of or improvements to the Invention in any country or countries ("Further Applications")  
together with the right to file divisional applications, substitute applications and continuation  
applications of any one or more of the Applications and Further Applications ("Divisionals"); the  
right to obtain patents, design registrations, utility model registrations and all other forms of  
protection, rights and titles relating to the Invention; the right in and to any patent or reissue  
patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right  
to obtain any extensions / supplementary protection certificates ("Extensions"); together with the  
right to bring proceedings to recover damages and/or to obtain other remedies for acts committed  
in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications,  
Divisionals and Extensions, whether such acts are committed before or after the date of this  
Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further

Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

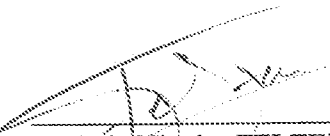
ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

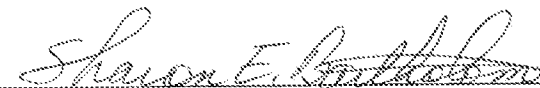
Date: 01/07/2016

  
Frederic Nicolas FELTEN  
1911 Bridgestone Drive,  
Corinth, Texas 76210  
UNITED STATES

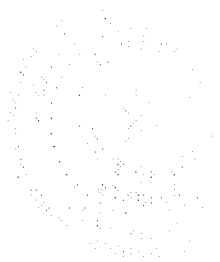
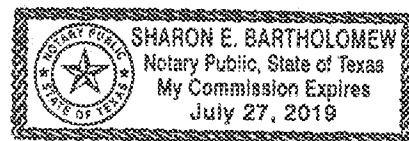
STATE OF Texas

COUNTY OF Dallas

BEFORE ME, the undersigned authority, on this day personally appeared Frederic Nicolas FELTEN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he executed the same for the purposes and considerations therein expressed.


  
Notary Signature

Notary Public in and for  
Dallas County, Texas



IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

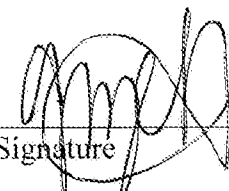
Date: 3/7/2016

  
\_\_\_\_\_  
Paul Anthony HAINES  
133 Skipper Jack  
Montgomery, Texas 77316  
UNITED STATES

STATE OF Texas

COUNTY OF Montgomery

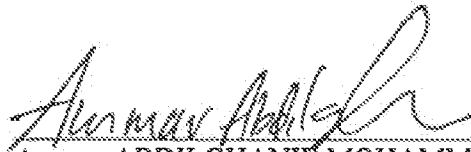
BEFORE ME, the undersigned authority, on this day personally appeared Paul Anthony HAINES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he executed the same for the purposes and considerations therein expressed.

  
\_\_\_\_\_  
Notary Signature  
Notary Public in and for  
Texas County, Montgomery



IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: March 3<sup>rd</sup> 2016



Ammar ABDILGHANIE MOHAMMED  
Faculty Housing F04, American University of Sharjah  
PO Box 26666, Sharjah  
UNITED ARAB EMIRATES

STATEMENT BY WITNESS


I, Dr. Mamoun Fahed Saleh Abdel-Hafez, whose full Post Office address is

Faculty Housing M12, American University of Sharjah PO Box 26666, Sharjah, UNITED  
ARAB EMIRATES

.....  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: March 3<sup>rd</sup> 2016

  
(Signature of Witness)