

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4511473

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAIMA BESTAOUI-SPURR	07/13/2017
HAROLD G. HUDSON	07/13/2017
D.V. SATYANARAYANA GUPTA	07/13/2017
HAROLD D. BRANNON	07/13/2017
AHMED GOMAA	07/16/2017
SCOTT G. NELSON	07/14/2017
RECEIVING PARTY DATA	
Name:	BAKER HUGHES, A GE COMPANY, LLC
Street Address:	17021 ALDINE WESTFIELD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15217684
CORRESPONDENCE DATA	
Fax Number:	(713)893-6076
<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:	7134294800
Email:	jjones@jonesdelflache.com
Correspondent Name:	JOHN WILSON JONES, JONES DEFLACHE LLP
Address Line 1:	1333 HEIGHTS BLVD.
Address Line 2:	SUITE 300
Address Line 4:	HOUSTON, TEXAS 77008
ATTORNEY DOCKET NUMBER:	38400 (FRC4-61437-US-CIP)
NAME OF SUBMITTER:	JOHN WILSON JONES, REG 31380
SIGNATURE:	/John Wilson Jones, Reg. #31380/
DATE SIGNED:	07/19/2017

Total Attachments: 7

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ASSIGNMENT

WHEREAS, WE, Naima Bestaoui-Spurr, Ahmed Gomaa, Harold G. Hudson, D.V. Satyanarayana Gupta, Scott G. Nelson, Harold D. Brannon have invented certain new and useful compositions, methods, devices, and/or systems for which a United States Patent application entitled "METHOD OF ENHANCING FRACTURE COMPLEXITY USING FAR-FIELD DIVERT SYSTEMS" was filed on June 22, 2016 and assigned Application Number 15/217,684 (the "Application"); and

WHEREAS, **BAKER HUGHES, a GE company, LLC**, a corporation of Delaware, having its principal place of business located at 17021 Aldine Westfield, Houston, Texas 77073, is desirous of acquiring the entire right, title and interest in and to Application and all inventions set forth therein and to all patent applications directed to such inventions throughout the world, and all right, title and interest in, to and under any and all patents granted thereon and other forms of legal protection thereto in the United States and throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to **BAKER HUGHES, a GE company, LLC**, all right, title and interest in and to the said invention throughout the world, including said Application for U.S. Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all applications filed outside of the U.S. which claim priority to Application as well as all patents of the United States and foreign countries which may be granted therefrom including any reissues, divisionals, continuations, renewals and extensions and the like (collectively, the "Patents"), the same to be held and enjoyed by **BAKER HUGHES, a GE company, LLC** for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Patents of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

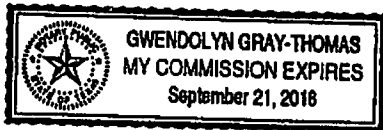
And we hereby authorize and request the Commissioner of Patents and other authorities in foreign countries to issue any and all patents on said invention or resulting from said Application and from any and all divisionals, continuations, reissues, reexaminations, renewals, and extensions thereof, to **BAKER HUGHES, a GE company, LLC**, 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 patents as may be granted therefor, to **BAKER HUGHES, a GE company, LLC**, its successors, assigns, or other legal representatives and that if **BAKER HUGHES, a GE company, LLC**, its successors, assigns or other legal representatives shall desire to file any divisional or continuation, or to secure a reissue, or reexamination of such patents, 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 applications, or such application for reissue or reexamination and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to **BAKER HUGHES, a GE company, LLC**, its successors, assigns or other legal representatives, such facts relating to said invention and patents or the file history thereof as may be known to me, 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, its successors, or other legal representatives.

EXECUTED THIS 13 day of July, 2017.



Naima Bestaoui-Spurr
Naima Bestaoui-Spurr

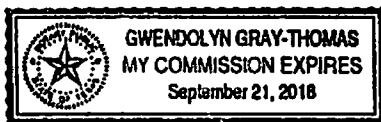
STATE OF TEXAS

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COUNTY OF HARRIS


BEFORE ME, the undersigned authority, on this day personally appeared Naima Bestaoui-Spurr, 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 13 day of July, 2017.



Gwendolyn Gray-Thomas
NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

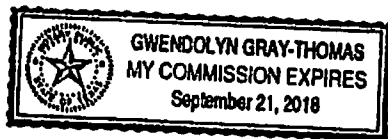
EXECUTED THIS 13 day of July, 2017.

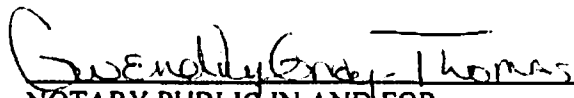

Harold G. Hudson

STATE OF TEXAS §
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COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Harold G. Hudson**, 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 13 day of July, 2017.




NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

EXECUTED THIS 13 day of July, 2017.

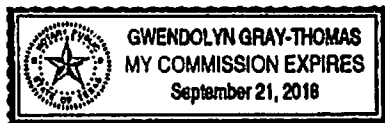



D.V. Satyanarayana Gupta

STATE OF TEXAS §
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COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared D.V. Satyanarayana Gupta, 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 13 day of July, 2017.





NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

EXECUTED THIS 13 day of July, 2017.


Harold D. Brannon

STATE OF TEXAS

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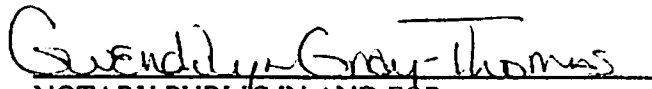
COUNTY OF HARRIS

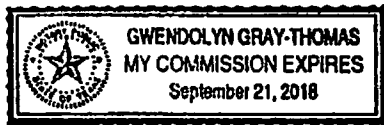
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BEFORE ME, the undersigned authority, on this day personally appeared **Harold D. Brannon**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration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

GIVEN UNDER MY HAND and seal of office this 13 day of July, 2017.


NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS



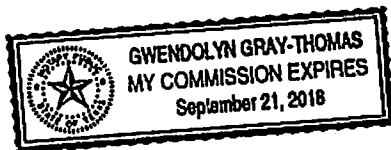
EXECUTED THIS 16 day of July, 2017.

A. Goma
Ahmed Goma

STATE OF TEXAS §
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COUNTY OF HARRIS §

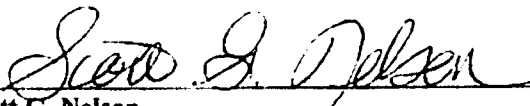
BEFORE ME, the undersigned authority, on this day personally appeared Ahmed Goma, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 16 day of July, 2017.



Gwendolyn Gray-Thomas
NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

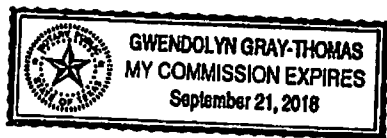
EXECUTED THIS 14 day of July, 2017.

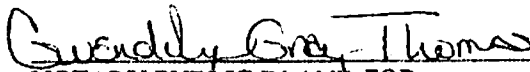

Scott G. Nelson

STATE OF TEXAS §
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COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Scott G. Nelson, 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 14 day of July, 2017.




NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS