### 503054038 11/10/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3100638

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KIMBERLY LANT	10/31/2014
NAIMA BESTAOUI-SPURR	10/31/2014
SUMIT BHADURI	10/31/2014
JAMES B. CREWS	10/31/2014
HOANG LE	10/31/2014
TERRY D. MONROE	10/31/2014
QI QU	10/31/2014

### **RECEIVING PARTY DATA**

Name:	BAKER HUGHES INCORPORATED
Street Address:	2929 ALLEN PARKWAY, SUITE 2100
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77019

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14491772

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 713-528-3100

Email: jjones@jonessmith.net
Correspondent Name: JONES & SMITH , LLP
Address Line 1: 2777 ALLEN PARKWAY

Address Line 2: SUITE 1000

Address Line 4: HOUSTON, TEXAS 77019

ATTORNEY DOCKET NUMBER:	31501
NAME OF SUBMITTER:	JOHN WILSON JONES
SIGNATURE:	/John Wilson Jones, Reg. #31380/
DATE SIGNED:	11/10/2014

503054038 PATENT REEL: 034133 FRAME: 0674

# Total Attachments: 8 source=31501\_Assignment\_as\_filed#page1.tif source=31501\_Assignment\_as\_filed#page2.tif source=31501\_Assignment\_as\_filed#page3.tif source=31501\_Assignment\_as\_filed#page4.tif source=31501\_Assignment\_as\_filed#page5.tif source=31501\_Assignment\_as\_filed#page6.tif source=31501\_Assignment\_as\_filed#page7.tif source=31501\_Assignment\_as\_filed#page8.tif

PATENT REEL: 034133 FRAME: 0675

### **ASSIGNMENT**

WHEREAS, WE, Kimberly Lant, Naima Bestaoui-Spurr, Sumit Bhaduri, James B. Crews, Hoang Le, Terry D. Monroe and Qi Qu have invented certain new and useful compositions, methods and/or systems for which a utility United States patent application entitled "Method Of Using Surface Modifying Treatment Agents to Treat Subterranean Formations" was filed on September 19, 2014 as U.S. patent application serial no. 14/491,772 which application claims the benefit of provisional U.S. patent application serial no. 61/880,836, filed on September 20, 2013; provisional U.S. patent application serial no. 61/981,051, as filed on April 17, 2014; provisional U.S. patent application serial no. 61/989,267 filed on May 6, 2014; and provisional U.S. patent application serial no. 62/007,708, filed on June 4, 2014 (the utility application and the provisional applications being collectively referred to "Applications"); and

WHEREAS, BAKER HUGHES INCORPORATED, a corporation of Delaware, having its principal place of business located at 2929 Allen Parkway, Suite 2100, Houston, Texas 77019, is desirous of acquiring the entire right, title and interest in and to Applications and all inventions set forth therein and to all patent applications directed to such inventions throughout the world which claim the benefit of either of said Applications, 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 INCORPORATED, all right, title and interest in and to the said inventions and Applications and any and all divisions, continuations, continuations-in-part and reissues thereof, and any and any applications filed outside of the U.S. which claim priority to one or more of Applications as well as all patents of the United States and foreign countries which may be granted therefore including any reissues, divisonals, continuations, continuation-in-parts, renewals and extensions and the like (collectively, the "Patents"), the same to be held and enjoyed by BAKER HUGHES INCORPORATED 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 any of 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 inventions or resulting from one or more of said Applications and all divisions, continuations, continuations-in-part, and reissues thereof, to BAKER HUGHES INCORPORATED, as assignee of our entire interest, and hereby

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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 one or more of said Applications or Patents as may be granted therefor, to BAKER HUGHES INCORPORATED, its successors, assigns, or other legal representatives and that if BAKER HUGHES INCORPORATED, its successors, assigns or other legal representatives shall desire to file any divisional, continuation, or continuation-in-part applications or to secure a reissue of one or more of such Applications or 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, continuation or continuation-in-part applications, 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, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to BAKER HUGHES INCORPORATED, its successors, assigns or other legal representatives, such facts relating to any of said Applications or inventions disclosed therein 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, its successors, or other legal representatives.

EXECUTED THIS 3/84 day of Ochsber, 2014.

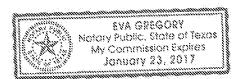
Links Late

Kimberly Lant

STATE OF TEXAS
COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared **Kimberly** Lant, 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 black day of 10000 , 2014.



<u> On Jugg</u>

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# NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

EXECUTED THIS 6 day of	r <u>October</u> ,	2014.
	Naiwa	Berlanui Spun
·	Naima Bestaoui-Sp	,
STATE OF TEXAS		
COUNTY OF HARRIS	3	
BEFORE ME, the undersigned aut <b>Bestaoui-Spurr</b> , known to me to be the prinstrument, and acknowledged to me that consideration therein expressed.	erson whose name is the executed the	is subscribed to the foregoing same for the purposes and
GIVEN UNDER MY HAND and seal	of office this St	lay of 10000/ , 2014.
	An i C	F <b>s</b> o o o o o

EVA GREGORY

Notary Public, State of Texas

My Commission Expires

January 23, 2017

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

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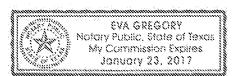
EXECUTED THIS	day of <u>Oblober</u> , 2014.
	L'A Bhal
	Sumit Bhaduri
STATE OF TEXAS	<b>§</b>
COUNTY OF HARRIS	
Bhaduri, known to me to be the perso	ed authority, on this day personally appeared Sumit on whose name is subscribed to the foregoing instrument, uted the same for the purposes and consideration therein
•	nd seal of office this 315 day of 00000 , 2014.
	en augy
EVA GREGORY  Notary Public, State of Texas  My Commission Expires  January 23, 2017	NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

. . . . . . . . .

EXECUTED THIS	day of VOLOVY	, 2014.
	Š.	
	W S	Camming
	James <b>B</b> . Crews	
	**	
STATE OF TEXAS	ä	
	§	
COUNTY OF HARRIS	§	

BEFORE ME, the undersigned authority, on this day personally appeared James B. Crews, 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 graded day of 190 per . 2014.



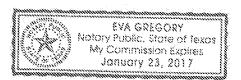
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

\*\*\*\*

EXECUTED THIS 316+	day of	
	and the second s	annan an
	Mang Le	
STATE OF TEXAS	§	
	<b>§</b>	
COUNTY OF HARRIS	8	

BEFORE ME, the undersigned authority, on this day personally appeared **Hoang Le**, 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 3 day of 100 kg., 2014.



NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

\* \* \* \* \* \* \*

EXECUTED THIS 8	day of 10000 , 2014.	
	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	
	Terry D. Monroe	
STATE OF TEXAS		
COUNTY OF HARRIS	8	
Monroe, known to me to be the perso	d authority, on this day personally appeared <b>Terry</b> on whose name is subscribed to the foregoing instrume uted the same for the purposes and consideration there	nt,
GIVEN UNDER MY HAND a	nd seal of office this <u>U</u> stay of <u>ICOber</u> , 201	14.

EVA GREGORY
Notary Public, State of Texas
My Commission Expires
January 23, 2017

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

\* \* \* \* \* \* \*

EXECUTED THIS3/	day of <u>Oct.</u> , 2014.	
	Qi Qu A	······································
STATE OF TEXAS		
COUNTY OF HARRIS		
to me to be the person whose name is	l authority, on this day personally appeared (subscribed to the foregoing instrument, and a purposes and consideration therein expresse	icknowledged
GIVEN UNDER MY HAND	nd seal of office this <u>gi<sup>St</sup>day</u> of <u>Newbl</u>	, 2014.
EVA GREGORY  Notary Public, State of Texas  My Commission Exotres  January 23, 2017	NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS	·
Minimum, 2009	* * * * * * *	

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**RECORDED: 11/10/2014**