PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3104881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OLEG A. MAZYAR	12/10/2013
OLEKSANDR V. KUZNETSOV	12/16/2013
GAURAV AGRAWAL	10/20/2014
MICHAEL H. JOHNSON	12/10/2013
VALERY N. KHABASHESKU	12/10/2013

RECEIVING PARTY DATA

Name:	BAKER HUGHES INCORPORATED
Street Address:	2929 ALLEN PARKWAY
Internal Address:	SUITE 2100
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77027-5115

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14088339

CORRESPONDENCE DATA

Fax Number: (801)531-9168

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: 801-532-1922

Email: djpfeil@traskbritt.com

TRASKBRITT, P.C. / BAKER HUGHES, INC. BA **Correspondent Name:**

Address Line 1: P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

ATTORNEY DOCKET NUMBER:	1684.04-12094(ENN4-54287-
NAME OF SUBMITTER:	JESSE M. FLORES
SIGNATURE:	/Jesse M. Flores/
DATE SIGNED:	11/12/2014

Total Attachments: 6

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PATENT

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PATENT REEL: 034155 FRAME: 0376

Attorney Docket No. 1684.04-P12094US (ENN4-54287-US-NP)

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Baker Hughes Incorporated ("ASSIGNEE"), a Corporation of the state of Delaware having a place of business at 2929 Allen Parkway, Suite 2100, Houston, TX 77027-5115, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent Serial No. 14/088,339 filed on November 22, 2013, entitled METHODS OF EXTRACTING HYDROCARBONS FROM A SUBTERRANEAN FORMATION, AND METHODS OF TREATING A HYDROCARBON MATERIAL WITHIN A SUBTERRANEAN FORMATION, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

PATENT REEL: 034155 FRAME: 0377

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Oleg A. Mohyon

Residing at: 4902 Kenneth Way, Katy, TX 77494

Date 12110 12013

COUNTY OF FLATTIS)
: ss.
STATE OF The year)

On this 10 day of Occurred 20 13, before me personally appeared Oleg A. Mazyar to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

PATRICIA A. PHILLIPS Notary Public, State of Texas My Commission Expires June 19, 2017

My Commission Expires:

June 19 2017

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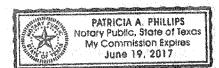
Date 12-16-2013

Oleksandr V. Kuznetsov

Residing at: 1800 El Paseo, Houston, TX 77054

COUNTY OF Harris; ss. state of Texas;

On this 16 day of <u>Nocember</u>, 20 13, before me personally appeared Oleksandr V. Kuznetsov to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Notary Public in and for said County and State

My Commission Expires:

June 19,2017

(6	am	W		

Date 10-20-14

Gaurav Agrawal

Residing at: 18231 East Peakview Place, Aurora CO 80016

COUNTY OF

; : ss.

STATE OF

)

On this <u>Jo</u> day of <u>Cotober</u>, 2014, before me personally appeared Gaurav Agrawal to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

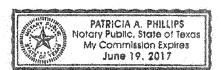
Notary Public in and for said County and State

My Congression GWENDOLYN GRAY-THOMAS
MY COMMISSION EXPIRES
September 21, 2018

Michael H Johnson	r	Date 1	Dec 10, 20	13
Witchael 11. Johnson			•	ميد
Residing at: 6506 Allentown Drive, Spring, TX 77389.	Coty "	万	77450	
/ • -	•			

COUNTY OF Harris)
STATE OF TEXAS)

On this /O day of <u>McCentlll</u>, 20/3, before me personally appeared Michael H. Johnson to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Notary Public in and for said Countyland State

My Commission Expires:

June 19, 2017

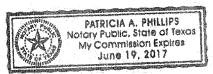
B.N. Khabalher Valery N. Khabashesku

Date 12-10-2013

Residing at: 2421B Dorrington Street, Houston, TX 77030

COUNTY OF Harris STATE OF TEXAS

On this 10 day of 1000 day of 1000 day, 2013, before me personally appeared Valery N. Khabashesku to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



My Commission Expires:

RECORDED: 11/12/2014

June 19 2017