#### 503922277 07/19/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3968930

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAMES B. CREWS	05/09/2016
ROBERT SAMUEL HURT	05/06/2016
HYUNIL JO	05/11/2016
TIANPING HUANG	05/09/2016
NAIMA BESTAOUI-SPURR	05/06/2016

### **RECEIVING PARTY DATA**

Name:	Baker Hughes Incorporated	
Street Address:	2929 Allen Parkway	
Internal Address:	Suite 2100	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77019-2118	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15147449

# **CORRESPONDENCE DATA**

Fax Number: (281)404-4468

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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MOSSMAN KUMAR & TYLER PC **Correspondent Name:** 

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NAME OF SUBMITTER:DAVID L. MOSSMANSIGNATURE:/DAVID L. MOSSMAN/	ATTORNEY DOCKET NUMBER:	BHI4-57336-US
SIGNATURE: /DAVID L. MOSSMAN/	NAME OF SUBMITTER:	DAVID L. MOSSMAN
	SIGNATURE:	/DAVID L. MOSSMAN/
<b>DATE SIGNED:</b> 07/19/2016	DATE SIGNED:	07/19/2016

**Total Attachments: 4** 

**PATENT REEL: 039192 FRAME: 0373** 

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PATENT REEL: 039192 FRAME: 0374

#### <u>ASSIGNMENT</u>

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to BAKER HUGHES INCORPORATED, having a place of business at 2929 ALLEN PARKWAY, SUITE 2100, HOUSTON, TEXAS 77019-2118, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "Diagnostic Lateral Wellbores and Methods of Use," further identified as Patent Aapplication Serial No. 15/147,449, filed May 5, 2016, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or 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 in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to BAKER HUGHES INCORPORATED;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others 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 purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, the undersigned have hereunto subscribed their names on the date set opposite their signatures.

Name:

BEFORE ME, on this \_\_\_\_\_day of May, 2016 personally appeared, James B. Crews, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

GWENDOLYN GRAY-THOMAS MY COMMISSION EXPIRES September 21, 2018

Assignment Page 1 of 1

(Signature) Robert Samuel Hurt	Date <u>5 / C / 20/C</u>
& &	
	rsonally appeared, Robert Samuel Hurt, the person nent and acknowledged to me that he executed the deration therein expressed.  NOTARY PUBLIC
(Signature)Name: Hyunil Jo	Date
§ §	
BEFORE ME, on this day of, 2016 name is subscribed to the foregoing instrument and his own free will for the purposes and consideration	3 personally appeared, Hyunil Jo, the person whose d acknowledged to me that he executed the same of therein expressed.
	NOTARY PUBLIC

Assignment Page 2 of 2

(Signature)	Date
Name:	Robert Samuel Hurt
8	
whose name i	on this day of, 2016 personally appeared, <b>Robert Samuel Hurt,</b> the person is subscribed to the foregoing instrument and acknowledged to me that he executed the vn free will for the purposes and consideration therein expressed.
	NOTARY PUBLIC
(Signature) Name:	Date 05/11/2016
§ §	
name is subsc	on this day of
	ISSA M. MENDEZ Notary Public, State of Texas NOTARY PUBLIC Notary ID 12569562-0

(Signature)	Tanping Huang	Date 05/09/2016
his own free will fo	this day of May, 2016 persed to the foregoing instrument are or the purposes and consideration IWENDOLYN GRAY-THOMAS IY COMMISSION EXPIRES September 21, 2018	sonally appeared, <b>Tianping Huang,</b> the person whose not acknowledged to me that he executed the same of a therein expressed.  NOTARY PUBLIC
	ziwa <i>Behas Fra</i> Iaima Bestaoui-Spurr	Date 05/06/2016.
whose name is s	this day of May, 2016 per subscribed to the foregoing instru ree will for the purposes and cons	sonally appeared, <b>Naima Bestaoui-Spurr</b> , the person iment and acknowledged to me that he executed the sideration therein expressed.
	GWENDOLYN GRAY-THOMAS MY COMMISSION EXPIRES September 21, 2018	

**RECORDED: 07/19/2016** 

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