

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2840481

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR'S NAME previously recorded on Reel 029889 Frame 0433. Assignor(s) hereby confirms the ENTIRE RIGHT, TITLE AND INTEREST IN AND TO ALL SAID INVENTIONS AND DISCOVERIES DISCLOSED IN SAID APPLICATION.

**CONVEYING PARTY DATA**

Name	Execution Date
J. MIGUEL BILEN	02/27/2013
VICTOR L. REDDICK JR.	02/27/2013
WESLEY DEAN FULLER	02/27/2013

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13779307

**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 via US Mail.*  
**Phone:** 801-532-1922  
**Email:** djpfeil@traskbritt.com  
**Correspondent Name:** TRASKBRITT, P.C.  
**Address Line 1:** P.O. BOX 2550  
**Address Line 4:** SALT LAKE CITY, UTAH 84110

<b>ATTORNEY DOCKET NUMBER:</b>	1684-11722(IPG4-53283-US)
<b>NAME OF SUBMITTER:</b>	JOSEPH A. WALKOWSKI
<b>SIGNATURE:</b>	/Joseph A. Walkowski/
<b>DATE SIGNED:</b>	05/02/2014

**Total Attachments: 6**

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**PATENT**

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**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 28, 2013

PTAS

TRASKBRITT, P.C. / BAKER HUGHES, INC.  
BA  
P.O. BOX 2550  
SALT LAKE CITY, UT 84110

**502246533**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/27/2013

REEL/FRAME: 029889/0433  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 11722US (IPG4-53283-US)

ASSIGNOR:

BILEN, J. MIGUEL

DOC DATE: 02/27/2013

ASSIGNOR:

~~RIDDICK~~, VICTOR L., JR.

DOC DATE: 02/27/2013

*Reddick*

ASSIGNOR:

FULLER, WESLEY DEAN

DOC DATE: 02/27/2013

ASSIGNEE:

BAKER HUGHES INCORPORATED  
2929 ALLEN PARKWAY  
SUITE 2100  
HOUSTON, TEXAS 77027-5115

APPLICATION NUMBER: 13779307

FILING DATE:

PATENT NUMBER: 502246533

ISSUE DATE:

TITLE: METHODS FOR PRE-SHARPENING IMPREGNATED CUTTING STRUCTURES FOR BITS, RESULTING CUTTING STRUCTURES AND DRILL BITS SO EQUIPPED

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Baker Hughes Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>2929 Allen Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 2100</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77027-5115</td> </tr> </table>		Name:	Baker Hughes Incorporated	Street Address:	2929 Allen Parkway	Internal Address:	Suite 2100	City:	Houston	State/Country:	TEXAS	Postal Code:	77027-5115
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CORRESPONDENCE DATA													
Fax Number:	8015319168												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	801-532-1922												
Email:	djpfeil@traskbritt.com												
Correspondent Name:	Traskbritt, P.C. / Baker Hughes, Inc. Ba												
Address Line 1:	P.O. Box 2550												
Address Line 4:	Salt Lake City, UTAH 84110												
ATTORNEY DOCKET NUMBER:	11722US (IPG4-53283-US)												
NAME OF SUBMITTER:	Joseph A. Walkowski												
<p>Total Attachments: 3          source=Feb-27-2013-Assignment-11722US#page1.tif          source=Feb-27-2013-Assignment-11722US#page2.tif          source=Feb-27-2013-Assignment-11722US#page3.tif</p>													

CH \$40.00 13779307

**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, which has been executed by each undersigned ASSIGNOR concurrently herewith entitled **METHODS FOR PRE-SHARPENING IMPREGNATED CUTTING STRUCTURES FOR BITS, RESULTING CUTTING STRUCTURES AND DRILL BITS SO EQUIPPED**, 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;

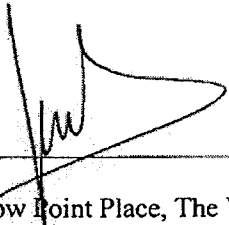
**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

**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;

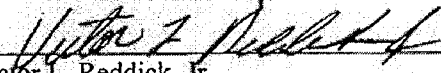
**COVENANT**, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful 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;

**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:

  
\_\_\_\_\_  
J. Miguel Bilen  
Residing at: 27 Willow Point Place, The Woodlands, TX 77382

Date 2/27/13

  
\_\_\_\_\_  
Victor L. Reddick, Jr.  
Residing at: 658 Hardy Bottom Road, Huntsville, TX 77340

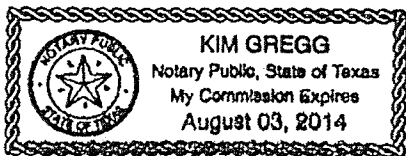
Date 2/27/13


  
\_\_\_\_\_  
Wesley Dean Fuller  
Residing at: 11792 Shepard Hill Road, Willis, TX 77318

Date 2/27/2013

COUNTY OF Montgomery )  
STATE OF TEXAS ) : ss.

On this 27 day of Feb, 2013, before me personally appeared J. Miguel Bilen 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.

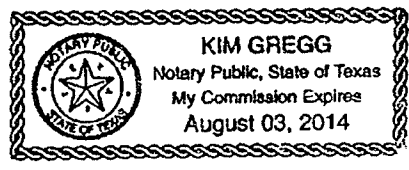


  
\_\_\_\_\_  
Notary Public in and for said County and State

My Commission Expires:  
8-3-14

COUNTY OF Montgomery  
STATE OF Texas : ss.

On this 27 day of Feb, 2013, before me personally appeared Victor L. Reddick, Jr. 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.

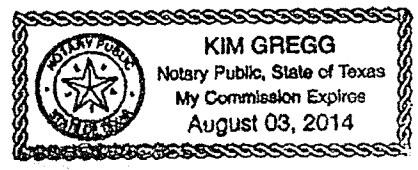


[Signature]  
Notary Public in and for said County and State

My Commission Expires:  
8-3-14

COUNTY OF Montgomery  
STATE OF Texas : ss.

On this 27 day of Feb, 2013, before me personally appeared Wesley Dean Fuller 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.



[Signature]  
Notary Public in and for said County and State

My Commission Expires:  
8-3-14