

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3215787

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTON F. ZAHRADNIK	04/10/2014
ROBERT J. BUSKE	04/10/2014
RUDOLF C. PESSIER	04/02/2014
DON Q. NGUYEN	04/10/2014
MICHAEL S. DAMSCHEN	05/08/2014
MITCHELL A. ROTHE	04/10/2014
JOHNATHAN HOWARD	04/01/2014
CHAITANYA K. VEMPATI	04/02/2014
GREGORY C. PREVOST	05/16/2014
JOHN F. BRADFORD	05/18/2014

RECEIVING PARTY DATA

Name:	BAKER HUGHES INCORPORATED
Street Address:	2001 RANKIN ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13678521
Application Number:	61560083

CORRESPONDENCE DATA

Fax Number: (713)800-5699

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: 7138005700

Email: SMDdocket@smd-iplaw.com

Correspondent Name: SUTTON MCAUGHAN DEAVER PLLC

Address Line 1: THREE RIVERWAY, SUITE 900

Address Line 4: HOUSTON, TEXAS 77056

ATTORNEY DOCKET NUMBER:	1012.00272.US00
NAME OF SUBMITTER:	DANNY VARA
SIGNATURE:	/Danny Vara/
DATE SIGNED:	02/06/2015
Total Attachments: 10 source=00272.US00 - exAssgt#page1.tif source=00272.US00 - exAssgt#page2.tif source=00272.US00 - exAssgt#page3.tif source=00272.US00 - exAssgt#page4.tif source=00272.US00 - exAssgt#page5.tif source=00272.US00 - exAssgt#page6.tif source=00272.US00 - exAssgt#page7.tif source=00272.US00 - exAssgt#page8.tif source=00272.US00 - exAssgt#page9.tif source=00272.US00 - exAssgt#page10.tif	

**ASSIGNMENT
AND/OR
RATIFICATION OF ASSIGNMENT
OF INTELLECTUAL PROPERTY**

WHEREAS, We, the undersigned, hereafter individually and collectively, "**Assignor**," have jointly invented and developed certain new and useful methods, devices, and/or systems that are disclosed, taught and/or claimed in one or more of the applications for patent listed below, entitled "Hybrid Drill Bits Having Increased Drilling Efficiency" (hereafter, collectively, "**Application**").

Country	Application Number	Filing Date
U.S.	13/678,521	November 15, 2012
U.S.	61/560,083	November 15, 2011

WHEREAS, **BAKER HUGHES INCORPORATED**, a corporation organized and existing under the laws of the state of Delaware, hereafter "**Assignee**," to the extent not already transferred to **Assignee** by an existing assignment obligation from me/us or by a prior written agreement and/or other legal relationship between **Assignee** and **Assignor**, is desirous of acquiring the entire and exclusive right, title and interest in and to, and possession of: a) the **Application** and all rights thereto; b) the subject matter disclosed, taught and/or claimed in the **Application**; and c) all tangible materials and intangible information concerning the **Application** and its subject matter, including but not limited to, copyrighted materials, know-how, confidential and proprietary information and trade secrets (hereafter, collectively, the "**Intellectual Property**").

NOW, THEREFORE, for one dollar (US\$1.00) and/or other good and valuable consideration, the receipt and sufficiency of which We hereby acknowledged, **Assignor** and **Assignee** agree as follows.

1. **Ratification of Prior Assignment.** **Assignor** hereby ratifies and acknowledges his/her/their prior assignment to **Assignee** of the aforesaid **Intellectual Property**, which assignment transferred the entire and exclusive right, title and interest in and to, and possession and use of, the aforesaid **Intellectual Property**, in all countries, regions and political subdivisions throughout the world, including without limitation, as applicable, the right to claim priority thereto or benefit thereof in all future applications for patent; the right to file and prosecute all related applications in the United States, in any foreign country or with any application filing convention or treaty, disclosing and/or claiming the **Intellectual Property**, in whole or in part, including, without limitation, all provisional applications, non-provisional applications, divisional applications, continuation applications, continuation-in-part applications, renewals, reissues, reexaminations, substitutes or extensions thereof; the right to all patents or other related property right that may be issued or granted thereon anywhere in the world; the right to all income, royalties, damages and payments now or hereafter due or payable with respect to any patent or other right described herein; the right to all causes of action (either in law or in equity); the right to sue, counterclaim, and recover for past, present and future infringement of the rights described herein; all as fully and entirely the same as would have been held and enjoyed by **Assignor** if the transfer and assignment described herein had not

been made.

2. **Present Assignment.** To the extent **Assignor** has not already assigned to **Assignee** all or any of the aforesaid **Intellectual Property**, **Assignor** does hereby assign, transfer and forever convey, to **Assignee**, its successors and assigns, the entire and exclusive right, title and interest in and to, and possession and use of, the aforesaid **Intellectual Property**, in all countries, regions and political subdivisions throughout the world, including without limitation, as applicable, the right to claim priority thereto or benefit thereof in all future applications for patent; the right to file and prosecute all related applications in the United States, in any foreign country or with any application filing convention or treaty, disclosing and/or claiming the **Intellectual Property**, in whole or in part, including, without limitation, all provisional applications, non-provisional applications, divisional applications, continuation applications, continuation-in-part applications, renewals, reissues, reexaminations, substitutes or extensions thereof; the right to all patents or other related property right that may be issued or granted thereon anywhere in the world; the right to all income, royalties, damages and payments now or hereafter due or payable with respect to any patent or other right transferred herein; the right to all causes of action (either in law or in equity); the right to sue, counterclaim, and recover for past, present and future infringement of the rights transferred herein; all as fully and entirely the same as would have been held and enjoyed by **Assignor** if the transfer and assignment had not been made.

3. **Issuance to Assignee.** **Assignor** hereby authorizes and requests the appropriate governmental official to issue any and all patents, certificates, registrations, grants or related property right assigned hereunder, to **Assignee**, as the owner of the entire and exclusive right, title and interest in and to the same.

4. **Warranty of Title.** **Assignor** hereby represents, warrants and covenants that **Assignor** had the full right to convey the interest herein ratified and/or has the full right to convey the interest herein assigned; that **Assignor** has not executed and will not execute any agreement, instrument or assignment in conflict herewith; and that the rights ratified and/or assigned herein are not subject to any other grant, license or right, or otherwise encumbered.

5. **Further Actions.** **Assignor** hereby covenants and agrees that **Assignor** will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, powers of attorney, assignments, and other documents; and do all lawful acts and things, which, in the opinion of **Assignee**, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in **Assignee**, its successors and assigns, the property ratified or transferred herein; and that **Assignor** will execute any application for reissue, division, continuation, continuation-in-part, counterpart, renewal, reexamination, correction, substitute or extension of said **Intellectual Property** or any resulting patent or related property right. **Assignor** covenants and agrees that **Assignor** will at any time upon request communicate to the **Assignee**, its successors, assigns or other legal representatives any facts relating to the aforesaid **Application** and **Intellectual Property** known to him/her, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

6. **Confidentiality.** **Assignor** hereby covenants and agrees to maintain as

confidential all non-public aspects and details of the **Intellectual Property** unless and until such time as such aspects or details become publicly known through no fault of **Assignor**. **Assignor** agrees and understands that this obligation of confidentiality continues to exist regardless of whether **Assignor** is employed by **Assignee** or not. **Assignor** agrees and understands that this obligation of confidentiality is supplemental to all other obligations of confidence that **Assignor** may now or hereafter owe to **Assignee**.

7. **Assignee as Attorney-in-fact.** To the extent **Assignor** is unavailable, unable or unwilling to execute and/or deliver any instrument described in paragraph 5, **Assignor** hereby appoints each officer of **Assignee**, and specifically appoints **Assignee's** general counsel whether or not an officer, as his/her/their limited attorney in fact for the sole and limited purpose of executing such instrument.

8. **No Challenge.** **Assignor** hereby covenants and agrees that **Assignor** will never challenge or aid the challenge by another of the validity or enforceability of the **Intellectual Property** ratified or transferred hereunder.

9. **Choice of Law.** **Assignor** hereby covenants and agrees that the laws of the State of Texas shall control the interpretation and effect of this document and without application of that state's laws concerning conflict of law.

10. **Severability.** **Assignor** and **Assignee** hereby agree that this agreement is severable in the event one or more clauses, covenants or obligations set forth in this agreement are found to be invalid or unenforceable by a court of competent jurisdiction. **Assignor** and **Assignee** hereby agree that those clauses, covenants and obligations that are not found to be invalid or unenforceable shall be enforced as if the severed clause, covenant or obligation had never existed.

11. **Legal Counsel** **ASSIGNOR** UNDERSTANDS AND ACKNOWLEDGES THAT NEITHER IN-HOUSE LEGAL COUNSEL FOR **ASSIGNEE** NOR OUTSIDE LEGAL COUNSEL REPRESENTING **ASSIGNEE** CONCERNING THIS AGREEMENT OR THE **INTELLECTUAL PROPERTY** REFERENCED IN THIS AGREEMENT, REPRESENT THE INTERESTS OF **ASSIGNOR**, OR ANY OF THEM, CONCERNING THIS AGREEMENT OR THE **INTELLECTUAL PROPERTY** REFERENCED IN THIS AGREEMENT. **ASSIGNOR** FURTHER ACKNOWLEDGES AND AGREES THAT HE/SHE/THEY HAVE HAD THE OPPORTUNITY TO CONSULT WITH LEGAL COUNSEL OF HIS/HER/THEIR OWN CHOOSING AND AT HIS/HER/THEIR OWN COST CONCERNING THE EFFECT AND PURPOSE OF THIS AGREEMENT AND THE SCOPE OF THE RIGHTS TRANSFERRED HEREUNDER, AND THAT **ASSIGNOR** VOLUNTARILY AND WITHOUT RESERVATION OF ANY KIND AGREES TO BE BOUND BY THE TERMS AND CONDITIONS STATED HEREIN.

IN WITNESS WHEREOF, **Assignor** have hereunto set his/her/their hand and seal.

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

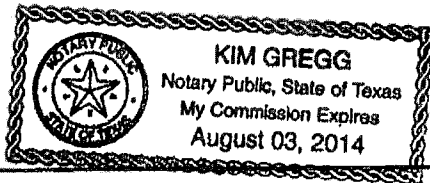
ASSIGNOR
Signature

Anton F. Zahradnik
Name

227 Burkwood Ct.
Address

Sugar Land, TX 77479

Date of Execution



STATE OF TEXAS

COUNTY OF


www

BEFORE ME, the undersigned authority, on this day personally appeared **ANTON F. ZAHRADNIK**, 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 10 day of April, 2014.

[NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

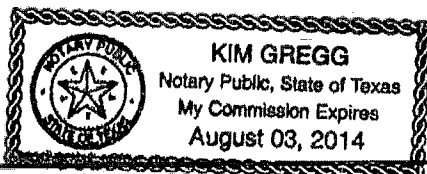
ASSIGNOR

Signature

Robert J. Buske
Name

6 N. Evangeline Oaks Circle
Address

The Woodlands, TX 77384

Apr. 19, 2014
Date of Execution



STATE OF TEXAS

COUNTY OF

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BEFORE ME, the undersigned authority, on this day personally appeared **ROBERT J. BUSKE**, 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 10 day of April, 2014.

[NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

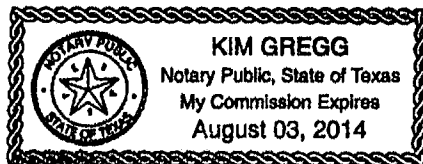
Rudolf C. Pessier
Signature

Rudolf C. Pessier
Name

505 Jackson Hill #409
Address

Houston, TX 77007

April 2, 2014
Date of Execution



STATE OF TEXAS

COUNTY OF Montgomery

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BEFORE ME, the undersigned authority, on this day personally appeared **RUDOLF C. PESSIER**, 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 2 day of April, 2014.

Kim Gregg

[NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

Don Q. Nguyen
Signature

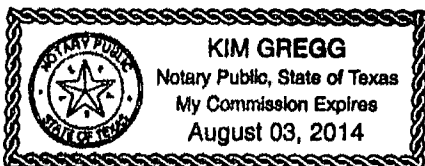
Don Q. Nguyen
Name

11503 Springshire Dr.
Address

Houston, TX 77066

10 Apr 2014

Date of Execution



STATE OF TEXAS

COUNTY OF Montgomery

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BEFORE ME, the undersigned authority, on this day personally appeared **DON Q. NGUYEN**, 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 10 day of April, 2014.

Kim Gregg

[NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

Signature

Karlos Cepeda
Name

6604 Breen Street
Address

Houston, TX 77086

Date of Execution

STATE OF TEXAS

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COUNTY OF _____

BEFORE ME, the undersigned
authority, on this day personally appeared
KARLOS CEPEDA, 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 ____ day of _____, 2014.

[NOTARY STAMP]

ASSIGNOR

Signature

Michael S. Damschen
Name

2305 PELKHAM ST. ^{MSD}
4109 Cordell St. ^{ON} **8 MAY 2014**
Address

77019 ^{MSD}
Houston, TX 77009 ^{ON} **8 MAY 2014**

8 MAY 2014
Date of Execution

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

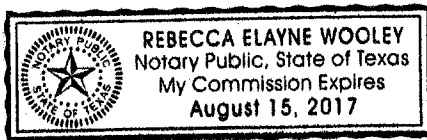
STATE OF TEXAS

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COUNTY OF HARRIS

BEFORE ME, the undersigned
authority, on this day personally appeared
MICHAEL S. DAMSCHEN, 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 8 day of May, 2014.



Rebecca Wooley
[NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

Mitchell Rothe

Signature

Mitchell A. Rothe

Name

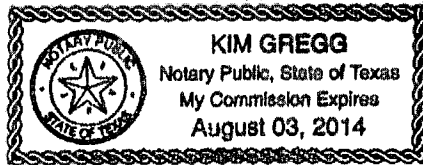
226 Skipper Jack Dr.
21007 Florette Ln.

Address

Montgomery, TX 77316
Spring, TX 77388

April 10, 2014

Date of Execution



STATE OF TEXAS

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COUNTY OF Montgomery

BEFORE ME, the undersigned authority, on this day personally appeared **MITCHELL A. ROTHE**, 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 10 day of April, 2014.

[Signature] [NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

Johnathan Howard

Signature

Johnathan Howard

Name

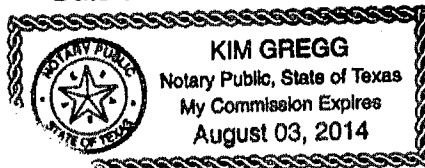
32510 HADDEN PARK CT. John
9110 Grogan's Mill Road 01 APR 2014

Address

CONROE, TX 77385 John
The Woodlands, TX 77380 01 APR 2014

April 1, 2014

Date of Execution



STATE OF TEXAS

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COUNTY OF Montgomery

BEFORE ME, the undersigned authority, on this day personally appeared **JOHNATHAN HOWARD**, 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 1 day of April, 2014.

[Signature] [NOTARY STAMP]

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

Signature

Gregory C. Prevost
Name

4623 Bridgestone Path Dr.
Address

Spring, TX 77388

Date of Execution

STATE OF TEXAS §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **GREGORY C. PREVOST**, 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 ____ day of _____, 2014.

[NOTARY STAMP]

ASSIGNOR

Signature

Chaitanya K. Vempati
Name

130 AUTUMN FOREST LN
8101 Research Forest Dr. #5306
Address

CONROE TX 77384
The Woodlands, TX 77382

02 APR 14
Date of Execution

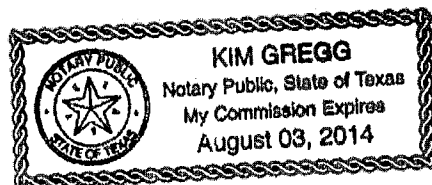
*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

STATE OF TEXAS §
COUNTY OF Montgomery §

BEFORE ME, the undersigned authority, on this day personally appeared **CHAITANYA K. VEMPATI**, 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.

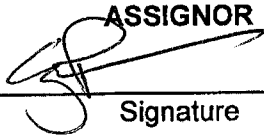
GIVEN UNDER MY HAND and seal of office this 2 day of April, 2014.

[NOTARY STAMP]



*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR



Signature

Gregory C. Prevost
Name

4623 Bridgestone Path Dr.
Address

Spring, TX 77388

16 May 2014
Date of Execution

STATE OF TEXAS

COUNTY OF Harris

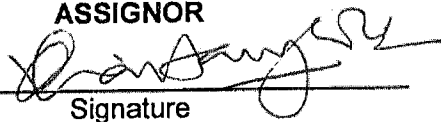
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BEFORE ME, the undersigned authority, on this day personally appeared **GREGORY C. PREVOST**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration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

GIVEN UNDER MY HAND and seal of office this ____ day of ____, 2014.

[NOTARY STAMP]

ASSIGNOR



Signature

Chaitanya K. Vempati
Name

130 AUTUMN FOREST LN
8101 Research Forest Dr. #5306
Address

EDINBURGH TX 77384
The Woodlands, TX 77382

02 APR 14
Date of Execution

*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

STATE OF TEXAS

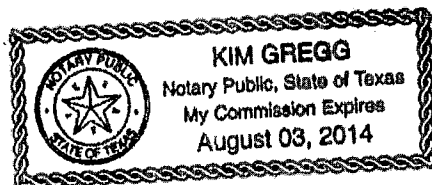
COUNTY OF Montgomery

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BEFORE ME, the undersigned authority, on this day personally appeared **CHAITANYA K. VEMPATI**, 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 2 day of April, 2014.

[NOTARY STAMP]





*** NOTARIZATION IS PREFERRED, BUT
NOT REQUIRED ***

ASSIGNOR

John F. Bradford
Signature

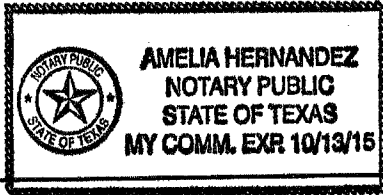
John F. Bradford
Name

26 Gate Hill Dr.
Address

The Woodlands, TX 77381

18 MAY 2014

Date of Execution



STATE OF TEXAS

COUNTY OF Montgomery §
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BEFORE ME, the undersigned authority, on this day personally appeared **JOHN F. BRADFORD**, 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 18th day of MAY, 2014.

Amelia Hernandez [NOTARY STAMP]