

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Chaitanya K. Vempati	11/18/2011
Timothy K. Marvel	11/16/2011
Suresh G. Patel	11/18/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Baker Hughes Incorporated
Street Address:	2929 Allen Parkway
Internal Address:	Suite 2100
City:	Houston
State/Country:	TEXAS
Postal Code:	77027-5115
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13299914
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(801)531-9168
Phone:	801-532-1922
Email:	djpfheil@traskbritt.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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:	10217.1US (ECC4-51125-US)
NAME OF SUBMITTER:	James C. Watson
Total Attachments: 3 source=Nov-18-2011-Assignment-10217-1US#page1.tif source=Nov-18-2011-Assignment-10217-1US#page2.tif source=Nov-18-2011-Assignment-10217-1US#page3.tif	

CH \$40.00 13299914

**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 29 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 **EARTH-BORING TOOLS INCLUDING REPLACEABLE CUTTING STRUCTURES AND RELATED METHODS**, 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:

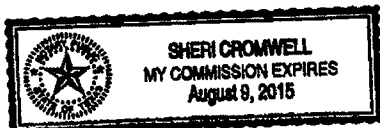
*Chaitanya K. Vempati* Date NOV 18 2011  
Chaitanya K. Vempati ~~130 AUTUMN FOREST LN CONROE TX 77384~~  
Residing at: ~~8101 Research Forest Drive, #5306, The Woodlands, TX 77382~~

*Timothy K. Marvel* Date 11/16/2011  
Timothy K. Marvel  
Residing at: 69 East Sandalbranch Circle, The Woodlands, TX 77382

*S. G. Patel* Date NOV-18-2011  
Suresh G. Patel  
Residing at: 3 North Landsdowne Circle, The Woodlands, TX 77382

COUNTY OF Montgomery  
: ss.  
STATE OF TEXAS )

On this 18<sup>th</sup> day of November, 2011, before me personally appeared Chaitanya K. Vempati 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.



*Sheri Cromwell*  
Notary Public in and for said County and State

My Commission Expires:  
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COUNTY OF (MONTGOMERY)  
: ss.  
STATE OF TEXAS )

On this 16<sup>th</sup> day of November, 2011, before me personally appeared Timothy K. Marvel 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.

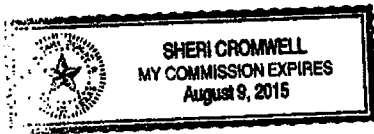


Sheri Cromwell  
Notary Public in and for said County and State

My Commission Expires:  
\_\_\_\_\_

COUNTY OF (MONTGOMERY)  
: ss.  
STATE OF TEXAS )

On this 18<sup>th</sup> day of November, 2011, before me personally appeared Suresh G. Patel 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.



Sheri Cromwell  
Notary Public in and for said County and State

My Commission Expires:  
\_\_\_\_\_