503652596 01/16/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAITANYA K. VEMPATI	01/05/2016
KONRAD T. IZBINSKI	01/04/2016
SURESH G. PATEL	12/21/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14975063

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: 8015321922

Email: dlmitchell@traskbritt.com
Correspondent Name: GREGORY C. BAKER

Address Line 1: 230 S. 500 EAST, SUITE 300
Address Line 4: SALT LAKE CITY, UTAH 84102

ATTORNEY DOCKET NUMBER:	1684-P13053US GCB/DLM	
NAME OF SUBMITTER:	GREGORY C. BAKER	
SIGNATURE:	/GREGORY C. BAKER/	
DATE SIGNED:	01/16/2016	

Total Attachments: 4

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PATENT 503652596 REEL: 037505 FRAME: 0477

Attorney Docket No. 1684-P13053US (CUT4-60236-US)

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 that are disclosed in the Application for United States Letters Patent Serial No. 14/975,063 filed on December 18, 2015, and titled CUTTING ELEMENTS, EARTH-BORING TOOLS INCLUDING CUTTING ELEMENTS, AND METHODS OF FORMING CUTTING ELEMENTS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof that 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 that 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 that the ASSIGNEE shall

PATENT REEL: 037505 FRAME: 0478 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.

ASSIGNOR:

Date: O5 01 6

Chaitanya K. Vempati
Residing at: 130 Autumn Forest Lane, Conroe, TX 77384

COUNTY OF Model of the State of County of Model of the State of 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.

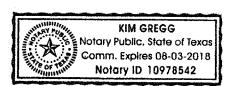
Notary Public in and for said County and State

My Commission Expires:

Notary Public, State of Texas Comm. Expires 08-03-2018 Notary ID 10978542 Konrad T. Izbinski
Residing at: 131 West Wading Pond Circle, The Woodlands, TX 77375

COUNTY OF Modern)

STATE OF Service Ser



ASSIGNOR:

Suresh G. Patel
Residing at: 3 North Landsdowne Circle, The Woodlands, TX 77382

COUNTY OF Month of State Of St

KIM GREGG Notary Public, State of Texas Comm. Expires 08-03-2018 Notary ID 10978542

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ASSIGNOR: