PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Redd H. Smith	10/26/2011
James Andy Oxford	10/25/2011
Alan J. Massey	10/25/2011

RECEIVING PARTY DATA

Name:	Baker Hughes Incorporated	
Street Address:	2929 Allen Parkway	
Internal Address:	Suite 2100	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77027-5115	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13283049

CORRESPONDENCE DATA

Fax Number: (801)531-9168 801-532-1922 Phone: Email: djpfeil@traskbritt.com

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

via US Mail.

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: 10202.1US (HHH4-50770-US)

NAME OF SUBMITTER: Gregory C. Baker

Total Attachments: 6

REEL: 027133 FRAME: 0965

PATENT

source=Oct-27-2011-Assignment-10202-1US#page1.tif source=Oct-27-2011-Assignment-10202-1US#page2.tif source=Oct-27-2011-Assignment-10202-1US#page3.tif source=Oct-27-2011-Assignment-10202-1US#page4.tif source=Oct-27-2011-Assignment-10202-1US#page5.tif source=Oct-27-2011-Assignment-10202-1US#page6.tif

> PATENT REEL: 027133 FRAME: 0966

Attorney Docket No. 1684-P10202.1US (HHH4-50770-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 which are disclosed in the Application for United States Letters Patent, which has been executed by each undersigned ASSIGNOR concurrently herewith entitled METHODS OF COUPLING COMPONENTS OF DOWNHOLE TOOLS, DOWNHOLE TOOLS AND COMPONENTS OF DOWNHOLE TOOLS, 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;

PATENT REEL: 027133 FRAME: 0967 **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:	
Redd H) Smith Residing at: 46 Clovergate Circle, The Woodlands, TX 77382	Date ZhOcf 11
James Andy Oxford Residing at: 40810 Roundup Road, Magnolia, TX 77354	Date
Alan J. Massey Residing at: 8103 Dorrcrest, Houston, TX 77070	Date
COUNTY OF EAST LAVE) : ss. STATE OF UTAN On this 26 day of October, 2011, before resonth to me known to be the person whose name is subscribed acknowledged to me that he/she executed the same.	
Notary Public TRACEE CEDERBLOOM Commission #611981 My Commission Expires July 25, 2015 State of Utah Notary Public in an	LULUOUN nd for said County and State
My Commission Expires: JULY 25, 2015	

COUNTY OF)	
STATE OF	: ss.)	
On this Oxford to me know acknowledged to m	n to be the person	, 2011, before me personally appeared James Andy whose name is subscribed to the foregoing instrument, and ted the same.
		Notary Public in and for said County and State
My Commission Ex	pires:	
COUNTY OF) : ss.	
STATE OF)	
On this Massey to me know acknowledged to m	n to be the person	, 2011, before me personally appeared Alan J. whose name is subscribed to the foregoing instrument, and ted the same.
		Notary Public in and for said County and State
My Commission Ex	xpires:	

Attorney Docket No. 1684-P10202.1US (HHH4-50770-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 which are disclosed in the Application for United States Letters Patent, which has been executed by each undersigned ASSIGNOR concurrently herewith entitled METHODS OF COUPLING COMPONENTS OF DOWNHOLE TOOLS, DOWNHOLE TOOLS AND COMPONENTS OF DOWNHOLE TOOLS, 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;

PATENT REEL: 027133 FRAME: 0970 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:	
	Date
Redd H. Smith	
Residing at: 46 Clovergate Circle, The Woo	dlands, TX 77382
James Andy Oxford Residing at: 40810 Roundup Road, Magnolia	Date 10/25/7011 a, TX 77354
alizman	Date 10-25-201
Alan J. Massey	= 0=0
Residing at: 8103 Dorrcrest, Houston, TX 7	7070
COUNTY OF) : ss. STATE OF)	
On this day of Smith to me known to be the person whose acknowledged to me that he/she executed th	2011, before me personally appeared Redd H. name is subscribed to the foregoing instrument, and se same.
	Notary Public in and for said County and State
My Commission Expires:	

COUNTY OF MONTHOWILY) : ss. STATE OF TEXAS)
STATE OF TEXAS)
On this 25th day of 0 choose, 2011, before me personally appeared James And Oxford 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 MY COMMISSION EXPIRES August 9, 2015 Notary Public in and for said County and State
My Commission Expires:
1. <u>An Alabanyian mpaga a mananasi kanindi mininga wasara manana manan</u>
COUNTY OF MONTGOMERS) : ss. STATE OF TEXAS)
STATE OF TEXAS)
On this 25th day of 0 Ctob, 2011, before me personally appeared Alan Massey to me known to be the person whose name is subscribed to the foregoing instrument, an acknowledged to me that he/she executed the same.
SHERI CROMWELL MY COMMISSION EXPIRES August 9, 2015 Notary Public in and for said County and State

My Commission Expires: