

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James C. Green	10/04/2011
Ben L. Kirkpatrick	10/05/2011
Christopher J. Cleboski	09/22/2011
Nicholas J. Lyons	09/22/2011
Andrew R. Wamer	09/23/2011
Wesley Dean Fuller	09/22/2011
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13253676
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)531-9168
<b>Phone:</b>	801-532-1922
<b>Email:</b>	djpfeil@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>	
<b>Correspondent Name:</b>	Traskbritt, P.C. / Baker Hughes, Inc. Ba
<b>Address Line 1:</b>	P.O. Box 2550
<b>Address Line 4:</b>	Salt Lake City, UTAH 84110
<b>ATTORNEY DOCKET NUMBER:</b>	10147.1PC (IPG4-51169-WO)

CH \$40.00 13253676

**501682561**

**PATENT**  
**REEL: 027021 FRAME: 0292**

NAME OF SUBMITTER:

Nathan E. Whitlock

**Total Attachments: 15**

source=Oct-05-2011-Assignment-10147-1US#page1.tif  
source=Oct-05-2011-Assignment-10147-1US#page2.tif  
source=Oct-05-2011-Assignment-10147-1US#page3.tif  
source=Oct-05-2011-Assignment-10147-1US#page4.tif  
source=Oct-05-2011-Assignment-10147-1US#page5.tif  
source=Oct-05-2011-Assignment-10147-1US#page6.tif  
source=Oct-05-2011-Assignment-10147-1US#page7.tif  
source=Oct-05-2011-Assignment-10147-1US#page8.tif  
source=Oct-05-2011-Assignment-10147-1US#page9.tif  
source=Oct-05-2011-Assignment-10147-1US#page10.tif  
source=Oct-05-2011-Assignment-10147-1US#page11.tif  
source=Oct-05-2011-Assignment-10147-1US#page12.tif  
source=Oct-05-2011-Assignment-10147-1US#page13.tif  
source=Oct-05-2011-Assignment-10147-1US#page14.tif  
source=Oct-05-2011-Assignment-10147-1US#page15.tif

**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 **DIAMOND IMPREGNATED CUTTING STRUCTURES, EARTH-BORING DRILL BITS AND OTHER TOOLS INCLUDING DIAMOND IMPREGNATED 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;

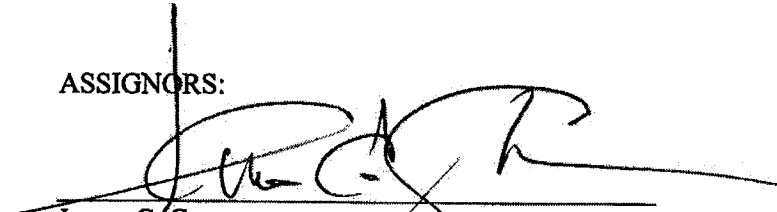
**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

**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.

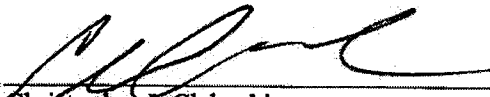
ASSIGNORS:

  
James C. Green  
Residing at: 330 Wild Bird Drive, Spring, TX 77373

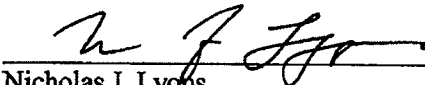
Date 9/14/2011

\_\_\_\_\_  
Ben L. Kirkpatrick  
Residing at: 205 Chimney Rock, #538, Tyler, TX 75703

Date \_\_\_\_\_

  
Christopher J. Cleboski  
Residing at: 7610 Braesview, Houston, TX 77071

Date 9/22/2011

  
Nicholas J. Lyons  
Residing at: 808 Pecore Street, Houston, TX 77009

Date 9/22/2011

\_\_\_\_\_  
Andrew R. Warner  
Residing at: 8523 South Dudley Street, Littleton, CO 80128

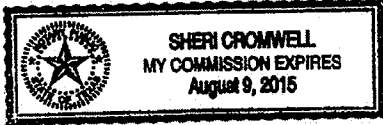
Date \_\_\_\_\_

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

Date 9/22/2011

COUNTY OF MONTGOMERY )  
 : ss.  
STATE OF TEXAS )

On this 4<sup>th</sup> day of October, 2011, before me personally appeared James C. Green 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 )  
 : ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Ben L. Kirkpatrick 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.

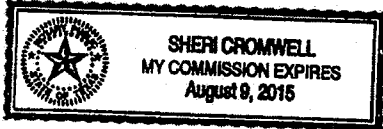
\_\_\_\_\_  
Notary Public in and for said County and State

My Commission Expires:

\_\_\_\_\_

COUNTY OF MONTGOMERY)  
: ss.  
STATE OF TEXAS )

On this 22<sup>nd</sup> day of September, 2011, before me personally appeared Christopher J. Cleboski 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 22<sup>nd</sup> day of September, 2011, before me personally appeared Nicholas J. Lyons 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 )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Andrew R. Warner 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:  
\_\_\_\_\_

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

On this *22<sup>nd</sup>* day of *September*, 2011, 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.

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

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



Attorney Docket No. 1684-P10147.1US (IPG4-51169-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 **DIAMOND IMPREGNATED CUTTING STRUCTURES, EARTH-BORING DRILL BITS AND OTHER TOOLS INCLUDING DIAMOND IMPREGNATED 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;

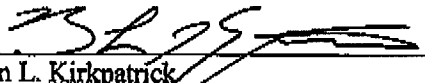
**COVENANT**, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful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

\_\_\_\_\_  
James C. Green  
Residing at: 330 Wild Bird Drive, Spring, TX 77373  
Date \_\_\_\_\_

  
\_\_\_\_\_  
Ben L. Kirkpatrick  
Residing at: 205 Chimney Rock, #538, Tyler, TX 75703  
Date 5 OCTOBER 2011

\_\_\_\_\_  
Christopher J. Cleboski  
Residing at: 7610 Braesview, Houston, TX 77071  
Date \_\_\_\_\_

\_\_\_\_\_  
Nicholas J. Lyons  
Residing at: 808 Pecore Street, Houston, TX 77009  
Date \_\_\_\_\_

\_\_\_\_\_  
Andrew R. Warner  
Residing at: 8523 South Dudley Street, Littleton, CO 80128  
Date \_\_\_\_\_

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

COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared James C. Green 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:

\_\_\_\_\_

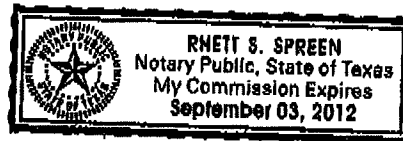
COUNTY OF )  
: ss.  
STATE OF )

On this 5<sup>th</sup> day of OCTOBER, 2011, before me personally appeared Ben L. Kirkpatrick 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.

*Reett Spreen*  
\_\_\_\_\_  
Notary Public in and for said County and State

My Commission Expires:

September 03, 2012



COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Christopher J. Cleboski 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:

\_\_\_\_\_

COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Nicholas J. Lyons 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:

\_\_\_\_\_

COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Andrew R. Warner 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:

\_\_\_\_\_

COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, 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.

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

My Commission Expires:

\_\_\_\_\_

**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 **DIAMOND IMPREGNATED CUTTING STRUCTURES, EARTH-BORING DRILL BITS AND OTHER TOOLS INCLUDING DIAMOND IMPREGNATED 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:

\_\_\_\_\_  
James C. Green  
Residing at: 330 Wild Bird Drive, Spring, TX 77373

Date \_\_\_\_\_

\_\_\_\_\_  
Ben L. Kirkpatrick  
Residing at: 205 Chimney Rock, #538, Tyler, TX 75703

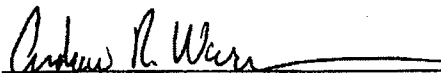
Date \_\_\_\_\_

\_\_\_\_\_  
Christopher J. Cleboski  
Residing at: 7610 Braesview, Houston, TX 77071

Date \_\_\_\_\_

\_\_\_\_\_  
Nicholas J. Lyons  
Residing at: 808 Pecore Street, Houston, TX 77009

Date \_\_\_\_\_

  
\_\_\_\_\_  
Andrew R. Warner  
Residing at: 8523 South Dudley Street, Littleton, CO 80128

Date 9/23/11

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

Date \_\_\_\_\_

COUNTY OF )  
 : ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared James C. Green 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:

\_\_\_\_\_

COUNTY OF )  
 : ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Ben L. Kirkpatrick 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:

\_\_\_\_\_

COUNTY OF Denver )  
: ss.  
STATE OF Colorado )

On this 23rd day of September, 2011, before me personally appeared Andrew R. Warner 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.

Danielle Coen, Denver, Colorado  
Notary Public in and for said County and State

My Commission Expires:

7/14/14

COUNTY OF \_\_\_\_\_ )  
: ss.  
STATE OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, 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.

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

My Commission Expires:

\_\_\_\_\_



COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Christopher J. Cleboski 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:  
  
\_\_\_\_\_

COUNTY OF )  
: ss.  
STATE OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally appeared Nicholas J. Lyons 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:  
  
\_\_\_\_\_