

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bennett M. Richard</td> <td>08/14/2013</td> </tr> <tr> <td>Edward J. O'Malley</td> <td>08/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bennett M. Richard	08/14/2013	Edward J. O'Malley	08/30/2013						
Name	Execution Date												
Bennett M. Richard	08/14/2013												
Edward J. O'Malley	08/30/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Baker Hughes Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>2929 Allen Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 2100</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77019-2118</td> </tr> </table>		Name:	Baker Hughes Incorporated	Street Address:	2929 Allen Parkway	Internal Address:	Suite 2100	City:	Houston	State/Country:	TEXAS	Postal Code:	77019-2118
Name:	Baker Hughes Incorporated												
Street Address:	2929 Allen Parkway												
Internal Address:	Suite 2100												
City:	Houston												
State/Country:	TEXAS												
Postal Code:	77019-2118												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13949961</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13949961								
Property Type	Number												
Application Number:	13949961												
CORRESPONDENCE DATA													
Fax Number: 860-286-01 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 860-286-2929 Email: usptopatentmail@cantorcolburn.com Correspondent Name: CANTOR COLBURN LLP- BAKER HUGHES INCORPO Address Line 1: 20 Church Street Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103													
ATTORNEY DOCKET NUMBER:	BAO1107US												
NAME OF SUBMITTER:	Daniel A. Gilmour												
Signature:	/Daniel A. Gilmour/												

Date:

09/12/2013

Total Attachments: 3

source=6TL3894#page1.tif

source=6TL3894#page2.tif

source=6TL3894#page3.tif

## PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, **Bennett M. Richard** and **Edward J. O'Malley**, have invented new and useful improvements in **NON-BALLISTIC TUBULAR PERFORATING SYSTEM AND METHOD** for which we have filed as United States Patent Application 13/949961 on July 24, 2013;

WHEREAS, Baker Hughes Incorporated, a corporation of the State of Delaware, having a correspondence address of 2929 Allen Parkway, Suite 2100, Houston, Texas 77019-2118, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW, THEREFORE, it be known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, We hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action We may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

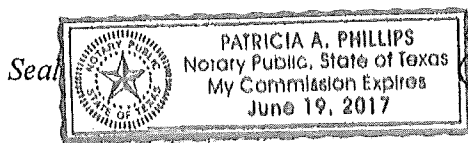
WE HEREBY covenant and agree that We will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and We authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

Inventor 1

Bennett M. Richard Date: 8/14/2013  
Bennett M. Richard

STATE OF Texas SS.  
COUNTY OF Harris

This 14<sup>th</sup> day of August, 2013 before me personally came the above-named **Bennett M. Richard**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Patricia A. Phillips  
(Notary Public)

Inventor 2

Edward J. O'Malley Date: 8/30/2013  
STATE OF TEXAS  
SS.  
COUNTY OF HARRIS

This 30<sup>th</sup> day of August, 2013 before me personally came the above-named **Edward J. O'Malley**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Louise Bachelier  
(Notary Public)

