

## PATENT ASSIGNMENT

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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>Roger Glen Duncan</td> <td>10/25/2011</td> </tr> <tr> <td>Brooks A. Childers</td> <td>10/25/2011</td> </tr> <tr> <td>Philip Robin Couch</td> <td>11/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Roger Glen Duncan	10/25/2011	Brooks A. Childers	10/25/2011	Philip Robin Couch	11/11/2011				
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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
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (860)286-0115</p> <p>Phone: 860-286-2929</p> <p>Email: usptopatentmail@cantorcolburn.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: CANTOR COLBURN LLP- BAKER HUGHES INCORPO</p> <p>Address Line 1: 20 Church Street</p> <p>Address Line 2: 22nd Floor</p> <p>Address Line 4: Hartford, CONNECTICUT 06103</p>													
ATTORNEY DOCKET NUMBER:	OPS4-51015-US/OSY0055US												
NAME OF SUBMITTER:	Thomas J. Ryan												

OP \$40.00 13271968

Total Attachments: 4

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**PATENT**

**REEL: 027426 FRAME: 0470**

## PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, Roger Glen Duncan a citizen of the United States, residing at 345 Silver Leaf Drive, Christiansburg, VA, 24073; Brooks A. Childers a citizen of the United States, residing at 1425 Red Hawk Run, Christiansburg, VA, 24073; Philip Robin Couch a citizen of the United Kingdom, residing at Cotleigh Court, Cotleigh, Honiton, Devon, EX14 9HG, UK have invented new and useful improvements in INCOHERENT REFLECTOMETRY UTILIZING CHAOTIC EXCITATION OF LIGHT SOURCES for which we have filed as United States Patent Application 13/271,968 on October 12, 2011;

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

Roger Glen Duncan Date: 10/25/11

STATE OF VIRGINIA

COUNTY OF MONTGOMERY SS.

This 25<sup>th</sup> day of OCTOBER, 2011 before me personally came the above-named Roger Glen Duncan, 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.



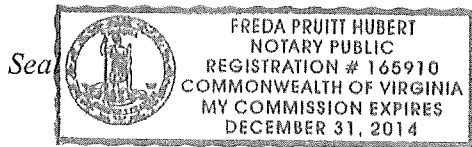
Freda Pruitt Hubert  
(Notary Public)

Inventor 2

Brooks A Childers Date: 10/25/2011  
Brooks A. Childers

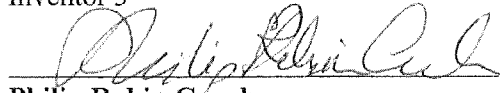
STATE OF Virginia  
COUNTY OF Montgomery SS.

This 25<sup>th</sup> day of OCTOBER, 2011 before me personally came the above-named Brooks A. Childers, 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.



Freda Pruitt Hubert  
(Notary Public)

Inventor 3



Date: 11<sup>th</sup> November 2011

**Philip Robin Couch**


STATE OF

SS.

COUNTY OF

This 11 day of November, 2011 before me personally came the above-named **Philip Robin Couch**, 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

  
(Notary Public/Witness)