

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>Alexander M. Barry</td> <td>12/05/2011</td> </tr> <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>Robert M. Harman</td> <td>10/18/2011</td> </tr> <tr> <td>Daniel S. Homa</td> <td>10/18/2011</td> </tr> <tr> <td>Ajit Balagopal</td> <td>11/02/2011</td> </tr> <tr> <td>Philip Robin Couch</td> <td>12/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Alexander M. Barry	12/05/2011	Roger Glen Duncan	10/25/2011	Brooks A. Childers	10/25/2011	Robert M. Harman	10/18/2011	Daniel S. Homa	10/18/2011	Ajit Balagopal	11/02/2011	Philip Robin Couch	12/01/2011
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Ajit Balagopal	11/02/2011																
Philip Robin Couch	12/01/2011																
RECEIVING PARTY DATA																	
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>13271852</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13271852												
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Application Number:	13271852																
CORRESPONDENCE DATA																	
Fax Number:	(860)286-0115																
Phone:	860-286-2929																
Email:	usptopatentmail@cantorcolburn.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
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																

OP \$40.00 13271852

PATENT

ATTORNEY DOCKET NUMBER:	OPS4-52055-US/OSY0056US
NAME OF SUBMITTER:	Thomas J. Ryan
Total Attachments: 8 source=6589010#page1.tif source=6589010#page2.tif source=6589010#page3.tif source=6589010#page4.tif source=6589010#page5.tif source=6589010#page6.tif source=6589010#page7.tif source=6589010#page8.tif	

PATENT APPLICATION ASSIGNMENT


WHEREAS, WE, Alexander M. Barry, a citizen of the United States, residing at 6064 Steeplechase Drive, Roanoke VA, 24018; 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; Robert M. Harman, a citizen of the United States, residing at 898 Shawnee Trail, Troutville, VA, 24175; Daniel S. Homa, a citizen of the United States, residing at 408 Alleghany Street, Blacksburg, VA, 24060; Ajit Balagopal, a citizen of India, residing at 175 Wistaria Drive, Christiansburg, VA, 24073, and 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 DISTANCE MEASUREMENT USING INCOHERENT OPTICAL REFLECTOMETRY for which we have filed as United States Patent Application 13/271,852 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



Alexander M. Barry

Date: 5 DEC 2011

STATE OF VIRGINIA

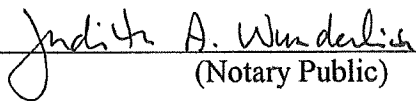
ss.

COUNTY OF Montgomery

This 5 day of December, 2011 before me personally came the above-named Alexander M. Barry, 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

Commonwealth of Virginia
Judith A. Wunderlich - Notary Public
Commission ID: 350363
My Commission Expires 07/31/2012



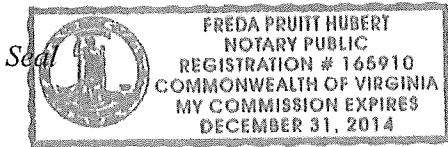
(Notary Public)


Inventor 2

 Date: 10/25/11
Roger Glen Duncan

STATE OF Virginia
COUNTY OF MONTGOMERY SS.

This 25th 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.




(Notary Public)

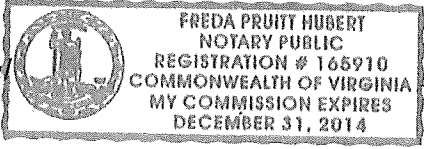
Inventor 3

Brooks A. Childers
Brooks A. Childers

Date: 10/25/2011

STATE OF Virginia
COUNTY OF Montgomery ss.

This 25th 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.

Seal 

Freda Pruitt Hubert
(Notary Public)

Inventor 4

RMH
Robert M. Harman

Date:

10/18/11

STATE OF VIRGINIA

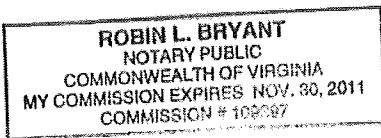
ss.

COUNTY OF BOTETOUNT

This 18 day of OCT, 2011 before me personally came the above-named Robert M. Harman, 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

Robin L Bryant
(Notary Public)



Inventor 5



Daniel S. Homa

Date: 10/18/11

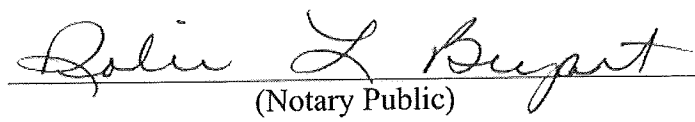
STATE OF *VIRGINIA*

ss.

COUNTY OF *BOTETOURT*

This 18 day of OCT, 2011 before me personally came the above-named Daniel S. Homa, 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)

ROBIN L. BRYANT
NOTARY PUBLIC
COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES NOV. 30, 2011
COMMISSION # 109297

Inventor 6

Ajit Balagopal
Ajit Balagopal

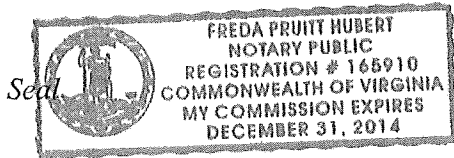
Date: 11/2/11

STATE OF *Virginia*

COUNTY OF *Montgomery*

ss.

This 2nd day of November, 2011 before me personally came the above-named Ajit Balagopal, 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 ⁷

Philip Robin Couch
Philip Robin Couch

Date: 1 December 2011

STATE OF

ss.

COUNTY OF

This 1 day of December, 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

Aberto Cone
(Notary Public/Witness)