

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>Burkay DONDERICI</td> <td>08/11/2010</td> </tr> <tr> <td>Abbas Sami EYUBOGLU</td> <td>08/11/2010</td> </tr> <tr> <td>Michael S. BITTAR</td> <td>08/11/2010</td> </tr> <tr> <td>Clive D. MENEZES</td> <td>02/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Burkay DONDERICI	08/11/2010	Abbas Sami EYUBOGLU	08/11/2010	Michael S. BITTAR	08/11/2010	Clive D. MENEZES	02/23/2012		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Boulevard</td> </tr> <tr> <td>Internal Address:</td> <td>Intellectual Property Department</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>77072</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Boulevard	Internal Address:	Intellectual Property Department	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
Name:	Halliburton Energy Services, Inc.												
Street Address:	10200 Bellaire Boulevard												
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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>13521769</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13521769								
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CORRESPONDENCE DATA													
<p>Fax Number: (888)712-9587 Phone: 281-825-5235 Email: debi@KIPATENTS.US <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: KRUEGER ISELIN LLP (1391) Address Line 1: P O BOX 1906 Address Line 4: CYPRESS, TEXAS 77410-1906</p>													
ATTORNEY DOCKET NUMBER:	1391-805.01												
NAME OF SUBMITTER:	Dan Krueger												

OP \$40.00 13521769

Total Attachments: 6

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ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **BURKAY DONDERICI, ABBAS SAMI EYUBOGLU, and MICHAEL S. BITTAR**, having made an invention in **"METHOD AND APPARATUS FOR SENSING ELONGATED SUBTERRANEAN ANOMALIES"** while in the employ of **HALLIBURTON ENERGY SERVICES, INC.**, a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (sometimes hereinafter called **"ASSIGNEE"**), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **"METHOD AND APPARATUS FOR SENSING ELONGATED SUBTERRANEAN ANOMALIES"**;

2. The International PCT Patent Application on said invention, Application No. PCT/US10/40447, filed June 29, 2010 (Attorney's File No. 1391-805.00) entitled **"METHOD AND APPARATUS FOR SENSING ELONGATED SUBTERRANEAN ANOMALIES"**;

3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

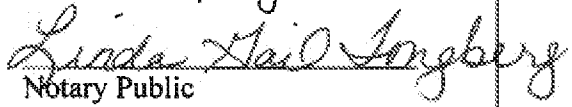
EXECUTED at Harris County, Texas, on the 11th day of August, 2010.

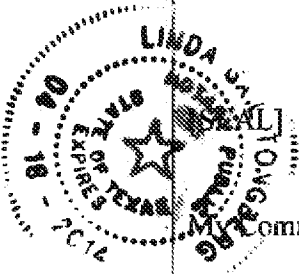

BURKAY DONDERICI

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared BURKAY DONDERICI, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

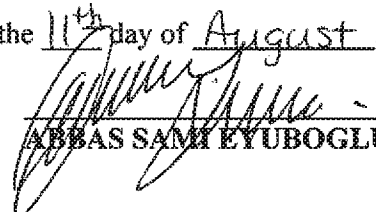
GIVEN UNDER my hand and seal of office, this the 11th day of August, 2010.


Notary Public



My Commission Expires: 4-18-2014

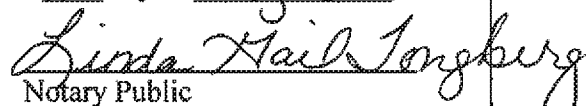
EXECUTED at Harris County, Texas, on the 11th day of August, 2010.


ABBAS SAMI EYUBOGLU

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared ABBAS SAMI EYUBOGLU, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 11th day of August, 2010.


Notary Public



My Commission Expires: 4-18-2014

EXECUTED at Harris County, Texas, on the 11th day of August, 2010.

Michael S. Bittar
MICHAEL S. BITTAR

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL S. BITTAR, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 11th day of August, 2010.

Linda Gail Ingberg
Notary Public



My Commission Expires: 4-18-2014

ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor **CLIVE D. MENEZES**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, having made an invention with his co-inventors **BURKAY DONDERICI, ABBAS SAMI EYUBOGLU, and MICHAEL S. BITTAR**, in **"METHOD AND APPARATUS FOR SENSING ELONGATED SUBTERRANEAN ANOMALIES"**, while in the employ of **HALLIBURTON ENERGY SERVICES, INC.**, a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (sometimes hereinafter called **"ASSIGNEE"**), do hereby **ASSIGN, SELL and CONVEY** to said **ASSIGNEE**, its successors and assigns, the entire right, title and interest throughout the world in and to:

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3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

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7. The right to **ASSIGNEE** to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

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I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

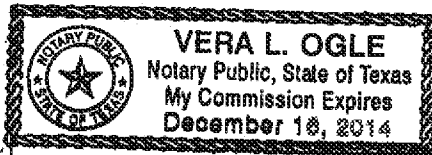
EXECUTED at Harris County, Texas, on the 23 day of February, 2012.

CLIVE D. MENEZES

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared CLIVE D. MENEZES, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 23 day of February, 2012.



[SEAL]

Vera L. Ogle
Notary Public

My Commission Expires: 12-16-2014