

PATENT ASSIGNMENT COVER SHEET

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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>ZAKARIA MAOUCHE</td> <td>06/30/2013</td> </tr> <tr> <td>ZEINOUN KLINK</td> <td>07/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	ZAKARIA MAOUCHE	06/30/2013	ZEINOUN KLINK	07/17/2013
Name	Execution Date						
ZAKARIA MAOUCHE	06/30/2013						
ZEINOUN KLINK	07/17/2013						
RECEIVING PARTY DATA							
Name:	HALLIBURTON ENERGY SERVICES, INC.						
Street Address:	10200 BELLAIRE BOULEVARD						
City:	HOUSTON						
State/Country:	TEXAS						
Postal Code:	77072						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1364280</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1364280		
Property Type	Number						
PCT Number:	US1364280						
CORRESPONDENCE DATA							
Fax Number:	(512)322-8383						
Phone:	512.322.2555						
Email:	apatent@bakerbotts.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	PAULA D. HEYMAN						
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ATTORNEY DOCKET NUMBER:	074263.0806						
NAME OF SUBMITTER:	CORINA HARRISON						
Signature:	/Corina Harrison/						
Date:	10/10/2013						

CH \$40.00 US1364280

Total Attachments: 7

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ASSIGNMENT

THIS Assignment is made by and between Zakaria Maouche, an individual residing at 14th Floor, Citibank Tower (R-320), Near Wafi Mall, P.O. Box 3111, Dubai, U.A.E. (hereinafter referred to as "Inventor"), and Halliburton Energy Services, Inc., a Delaware, United States corporation (hereinafter referred to as "HESI").

WITNESSETH:

WHEREAS, Inventor, while in the employ of HESI made an invention detailed in British patent application, Attorney File No. P22002, Application No. GB1218304.2, filed 11th October, 2012, entitled "Drill Bit Apparatus to Control Torque on Bit" and referred to hereafter as "the Invention",

NOW THEREFORE, in consideration of the sum of \$1, the receipt and sufficiency of which is hereby acknowledged, Inventor does hereby ASSIGN, SELL and CONVEY to HESI, its successors and assigns, the entire right, title and interest throughout the world in and to:


1. The Invention;
2. British patent application, Attorney File No. P22002, Application No. GB1218304.2, filed 11th October, 2012, entitled "Drill Bit Apparatus to Control Torque on Bit";
3. All applications for patent or like protection on the Invention that have now been or may in the future be made by the Inventor or his legal representatives, whether in the United States, the United Kingdom, 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 the Invention to Inventor or his successors in title or legal representatives, whether in the United States, the United Kingdom, 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 application No. GB1218304.2 referred to above 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 the Invention for infringement of patents and like protection;

7. The right to file in HESI's name applications for patents and like protection for the Invention in any country or countries; and

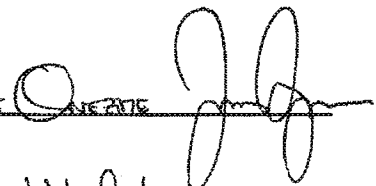
8. All international rights of priority associated with the Invention, applications, patents and like protection; and Inventor covenants that he, his heirs, legal representatives, assigns, administrators, and executors will at the expense of HESI, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give HESI, its successors and assigns, the full benefit of this Assignment.

9. This Assignment is governed by the laws of Texas, excluding conflict of law rules and choice of law principles, and the parties to this Assignment agree to the exclusive jurisdiction of Harris County, Texas.

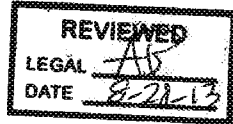
IN WITNESS WHEREOF

EXECUTED at DUBAI UAE, on the 30th
day of June, 2013
by 
Zakaria Maouche

Witnessed by:

Name:  Date: 30th June 2013
Name: Yazan khlefat Date: 30th June 2013

EXECUTED at Houston, TX, on the 28th day of August, 2013.



HALLIBURTON ENERGY SERVICES, INC.

By: [Signature]

Title: Clive Menezes, Vice President and Chief Patent Counsel

who personally appeared and executed this document on behalf of Halliburton Energy Services, Inc., before me, the undersigned authority,

GIVEN UNDER MY HAND AND SEAL OF OFFICE

[Signature]
Notary Public

SEAL



ASSIGNMENT

THIS Assignment is made by and between Zeinoun Klink, an individual residing at Palm Jumeira, Marina Residence 3, Apt 1105 Dubai, U.A.E. (hereinafter referred to as "Inventor"), Halliburton Worldwide Ltd., a Cayman Islands Corporation (hereinafter referred to as "[Halliburton employing entity]"), and Halliburton Energy Services, Inc., a Delaware, United States corporation (hereinafter referred to as "HESI").

WITNESSETH:

WHEREAS, Halliburton employing entity is a corporate subsidiary of HESI; and

WHEREAS, Inventor, while in the employ of Halliburton employing entity, made an invention detailed in British patent application, Attorney File No. P22002, Application No. GB1218304.2, filed 11th October, 2012, entitled "Drill Bit Apparatus to Control Torque on Bit" and referred to hereafter as "the invention",

NOW THEREFORE, in consideration of the sum of \$1 per party, the receipt and sufficiency of which is hereby acknowledged, Inventor and [Halliburton employing entity] (hereinafter collectively referred to as "ASSIGNORS") do hereby ASSIGN, SELL and CONVEY to HESI, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. The invention;
2. British patent application, Attorney File No. P22002, Application No. GB1218304.2, filed 11th October, 2012, entitled "Drill Bit Apparatus to Control Torque on Bit";
3. All applications for patent or like protection on the invention that have now been or may in the future be made by the ASSIGNORS or their legal representatives, whether in the United States, the United Kingdom, 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 the invention to ASSIGNORS or their successors in title or legal representatives, whether in the United States, the United Kingdom, 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 application No. GB1218304.2 referred to above and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

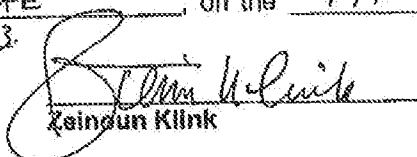
6. All rights of action on account of past, present and future unauthorized use of the Invention for infringement of patents and like protection;

7. The right to file in HESI's name applications for patents and like protection for the invention in any country or countries; and

8. All international rights of priority associated with the invention, applications, patents and like protection; and ASSIGNORS covenant that we the ASSIGNORS, our heirs, legal representatives, assigns, administrators, and executors will at the expense of HESI, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give HESI, its successors and assigns, the full benefit of this Assignment.

9. This Assignment is governed by the laws of Texas, excluding conflict of law rules and choice of law principles, and the parties to this Assignment agree to the exclusive jurisdiction of Harris County, Texas.

IN WITNESS WHEREOF

EXECUTED at DUBAI UAE on the 17th
day of July, 2013.
by 
Zeingun Klink

Witnessed by: AMAR-JAN WE VESCONTE

Name: 

Date: 17th July 2013

Name: 

Date: 17th July 2013

EXECUTED at Dubai, UAE, on the 2nd day of October, 2013

Halliburton Worldwide Ltd.

By: Azila Zaya

Title: Director

Witnessed by:

Name: [Signature]

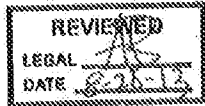
Date: 2nd Oct 2013

Name: HUI HUANG LOH

Date: 02 Oct 2013

EXECUTED at Houston, TX, on the 28th day of August, 2013

HALLIBURTON ENERGY SERVICES, INC.



By: [Signature]

Title: Clive Menezes, Vice President and Chief Patent Counsel

who personally appeared and executed this document on behalf of Halliburton Energy Services, Inc., before me, the undersigned authority,

GIVEN UNDER MY HAND AND SEAL OF OFFICE, [Signature]
Notary Public

SEAL

