

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2599008

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>MICHAEL BITTAR</td> <td>11/12/2011</td> </tr> <tr> <td>RONALD JOHANNES DIRKSEN</td> <td>01/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL BITTAR	11/12/2011	RONALD JOHANNES DIRKSEN	01/31/2012
Name	Execution Date						
MICHAEL BITTAR	11/12/2011						
RONALD JOHANNES DIRKSEN	01/31/2012						
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>Application Number:</td> <td>14115002</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14115002		
Property Type	Number						
Application Number:	14115002						
CORRESPONDENCE DATA							
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Phone:	713 229-1234						
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	BAKER BOTTS L.L.P.						
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ATTORNEY DOCKET NUMBER:	063718.2126						
NAME OF SUBMITTER:	SUSAN STEWART						
Signature:	/Susan Stewart/						
Date:	10/31/2013						

CH \$40.00 14115002

Total Attachments: 4

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**ASSIGNMENT**

Whereas, I/We, Michael Bittar of Harris County, Houston, Texas, and Ronald Johannes Dirksen of Harris County, Houston, Texas, have invented "*DRILL BIT FOR PERFORMING ELECTROMAGNETIC MEASUREMENTS IN A SUBTERRANEAN FORMATION*" for which I/We have made application for Letters Patent of the International Bureau and which has been disclosed in the application for Patent Cooperation Treaty, Application Serial No. PCT/US2011/59905, filed November 9, 2011; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, title and interest for the Patent Cooperation Treaty, and its territorial possessions and for any and all foreign countries, in and to said invention, in and to any and all improvements, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the International Application therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent

may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

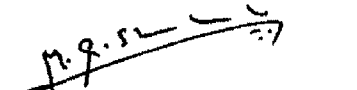
And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

EXECUTED at Al-Johar (City), Saudi Arabia (Country), on the 12 day of November, 2011.


  
MICHAEL S. BITTAR

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.

  
WITNESS

Shadab Maghrabi  
WITNESS PRINTED NAME

Executed this 31 day of Jan, 2011.

  
\_\_\_\_\_  
Ronald Johannes Dirksen

STATE OF TEXAS )

) ss

COUNTY OF HARRIS )

Before me personally appeared said Ronald Johannes Dirksen and acknowledged the foregoing instrument to be his free act and deed this 31 day of January; 2011.

Seal

  
\_\_\_\_\_

(Notary)

