

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2688599

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>THOMAS JULES FROSELL</td> <td>01/10/2014</td> </tr> <tr> <td>MICHAEL LINLEY FRIPP</td> <td>01/10/2014</td> </tr> <tr> <td>ZACHARY RYAN MURPHREE</td> <td>01/10/2014</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS JULES FROSELL	01/10/2014	MICHAEL LINLEY FRIPP	01/10/2014	ZACHARY RYAN MURPHREE	01/10/2014
Name	Execution Date								
THOMAS JULES FROSELL	01/10/2014								
MICHAEL LINLEY FRIPP	01/10/2014								
ZACHARY RYAN MURPHREE	01/10/2014								
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>US2013078498</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2013078498				
Property Type	Number								
PCT Number:	US2013078498								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	214.880.9636								
Email:	Lawrence@YoustPLLC.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	LAWRENCE R. YOUST LAWRENCE YOUST PLLC								
Address Line 1:	ONE WATERWAY COURT								
Address Line 2:	SUITE 3B								
Address Line 4:	THE WOODLANDS, TEXAS 77380								
ATTORNEY DOCKET NUMBER:	2013-IP-077430 U2 PCT								
NAME OF SUBMITTER:	LAWRENCE R. YOUST								
Signature:	/Lawrence R. Youst/								

Date:

01/18/2014

Total Attachments: 4

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ASSIGNMENT

IN CONSIDERATION OF ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned having made the following invention:

Magnetic Tool Position Determination in a Wellbore

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"), hereby ASSIGNS, SELLS and CONVEYS to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in a **"Magnetic Tool Position Determination in a Wellbore"**;
2. PCT International patent application on said invention having:

Attorney Docket No.:	2013-IP-077430 U2 PCT
International Application No:	PCT/US2013/078498
International Filing Date:	December 31, 2013

3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my 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 me or my 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 covenant that I, my 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 Dallas County, Texas, on the 10th day of January, 2014.

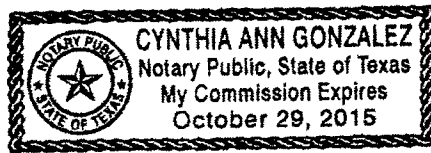


Thomas Jules Frosell

STATE OF Texas §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **Thomas Jules Frosell** 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 10 day of January, 2014.



Cynthia A. Gonzalez
Notary Public

[SEAL]

My Commission Expires: 10-29-2015

EXECUTED at DALLAS County, Texas, on the 10TH day of JANUARY, 2014.

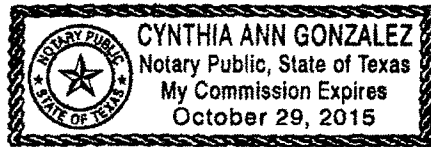


Michael Linley Fripp

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Michael Linley Fripp** 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 10 day of January, 2014.





Notary Public

[SEAL]

My Commission Expires: 10-29-2015

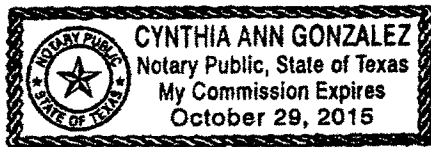
EXECUTED at Dallas County, Texas, on the 10th day of January, 2014.

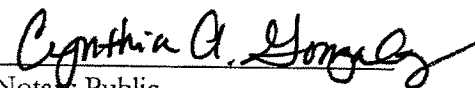

Zachary Ryan Murphree

STATE OF Texas §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **Zachary Ryan Murphree** 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 10 day of January, 2014.




Notary Public

[SEAL]

My Commission Expires: 10-29-2015