

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5168719

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TRAVIS W. CAVENDER	09/30/2011
ROBERT L. PIPKIN	09/28/2011
TIMOTHY HUNTER	09/28/2011
ROGER L. SCHULTZ	10/05/2011
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16148842
CORRESPONDENCE DATA	
Fax Number:	(713)622-0220
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	713-622-7005
Email:	bhausman@tumeyp.com
Correspondent Name:	COREY TUMEY
Address Line 1:	P.O BOX 22188
Address Line 4:	HOUSTON, TEXAS 77227-2188
ATTORNEY DOCKET NUMBER:	1560-013404
NAME OF SUBMITTER:	BRIAN HAUSMAN
SIGNATURE:	/bhausman/
DATE SIGNED:	10/02/2018
Total Attachments: 5	
source=2011-IP-041320U1C1D1-US_Assignment-as-filed#page1.tif	
source=2011-IP-041320U1C1D1-US_Assignment-as-filed#page2.tif	
source=2011-IP-041320U1C1D1-US_Assignment-as-filed#page3.tif	

source=2011-IP-041320U1C1D1-US_Assignment-as-filed#page4.tif

source=2011-IP-041320U1C1D1-US_Assignment-as-filed#page5.tif

ASSIGNMENT

In consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we the undersigned, **Travis W. CAVENDER, Robert L. PIPKIN, Timothy HUNTER, and Roger L. SCHULTZ**, having made an invention in **"FORMING INCLUSIONS IN SELECTED AZIMUTHAL ORIENTATIONS FROM A CASING SECTION"** 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 **"FORMING INCLUSIONS IN SELECTED AZIMUTHAL ORIENTATIONS FROM A CASING SECTION"**;
2. International Application on said invention, Agent File Reference No. **11-041320**, Serial No. **PCT/US11/53403** filed **27 September 2011**, entitled **"FORMING INCLUSIONS IN SELECTED AZIMUTHAL ORIENTATIONS FROM A CASING SECTION"**;
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 we covenant that we, 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.

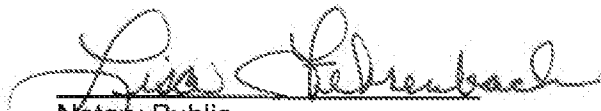
EXECUTED at Harris County, Texas, on the 30 day
of September, 2011.


Travis W. CAVENDER

STATE OF Texas §
COUNTY OF Harris §

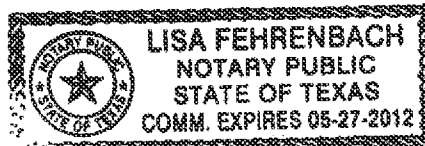
BEFORE ME, the undersigned authority, on this day personally appeared **Travis W. CAVENDER** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the
30th day of September, 2011.


Notary Public

[SEAL]

My Commission Expires:



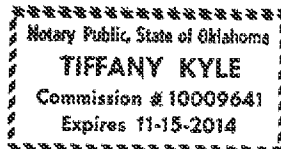
EXECUTED at _____ County, Oklahoma, on the _____
day of _____, 2011.



Robert L. PIPKIN

STATE OF OKLAHOMA §
COUNTY OF STEPHENS §

BEFORE ME, the undersigned authority, on this day personally
appeared **Robert L. PIPKIN** 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
28th day of September, 2011.




Notary Public

[SEAL]

My Commission Expires:

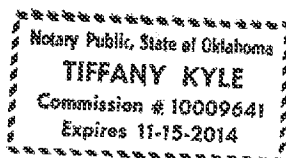
EXECUTED at Stephens County, Oklahoma, on the 28th
day of September, 2011.

Timothy D. Hunter
Timothy HUNTER

STATE OF Oklahoma §
COUNTY OF STEPHENS §

BEFORE ME, the undersigned authority, on this day personally
appeared **Timothy HUNTER** 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
28th day of September, 2011.



Tiffany Kyle
Notary Public

[SEAL]

My Commission Expires:

EXECUTED at CLEVELAND County, Oklahoma, on the 5th
day of OCTOBER, 2011.



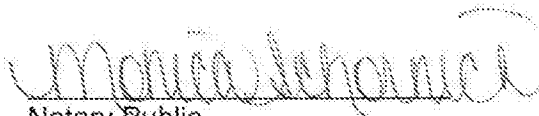
Roger L. SCHULTZ

STATE OF Oklahoma §
COUNTY OF Cleveland §

BEFORE ME, the undersigned authority, on this day personally
appeared **Roger L. SCHULTZ** 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
5th day of October, 2011.





Notary Public

My Commission Expires: 01/28/2015