

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3754924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN A. GRAHAM	07/15/2008
PHILIP W. WOODARD	07/15/2008
ROBERT F. SHELLEY	07/15/2008
JIM B. SURJAATMADJA	07/14/2008
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	10200 BELLAIRE BLVD.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14989071
CORRESPONDENCE DATA	
Fax Number:	
<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:	ctumey@tumeyllp.com
Correspondent Name:	COREY TUMEY
Address Line 1:	PO BOX 22188
Address Line 4:	HOUSTON, TEXAS 77227
ATTORNEY DOCKET NUMBER:	2008-IP-009045U1 US
NAME OF SUBMITTER:	COREY TUMEY
SIGNATURE:	/ctumey/
DATE SIGNED:	02/24/2016
Total Attachments: 7	
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PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Stephen A. Graham	07/15/2008
Philip W. Woodard	07/15/2008
Robert F. Shelley	07/15/2008
Jim B. Surjaatmadja	07/14/2008
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	
Property Type	Number
Application Number:	12123957
CORRESPONDENCE DATA	
Fax Number:	(972)418-3877
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-418-3892
Email:	ruthine.liebman@halliburton.com
Correspondent Name:	Halliburton Energy Services, Inc.
Address Line 1:	2601 Beltline Road
Address Line 2:	1-B-121
Address Line 4:	Carrollton, TEXAS 75006
ATTORNEY DOCKET NUMBER:	2008-IP-009045 U1 US
NAME OF SUBMITTER:	Ruthine Liebman
Total Attachments: 5	

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Stephen A. Graham, Philip W. Woodard, Robert F. Shelley and Jim B. Surjaatmadja**, having made an invention in a **"System and Methods for Constructing and Fracture Stimulating Multiple Ultra-Short Radius Laterals From a Parent Well"** 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 a **"System and Methods for Constructing and Fracture Stimulating Multiple Ultra-Short Radius Laterals From a Parent Well"**;

2. United States of America patent application on said invention, Attorney File No. **2008-IP-009045 U1 US**, U.S. Serial No. **12/123,957**, filed **May 20, 2008** executed by us, entitled **"System and Methods for Constructing and Fracture Stimulating Multiple Ultra-Short Radius Laterals From a Parent Well"**;

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.

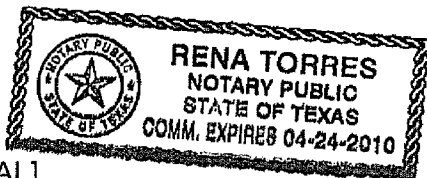
EXECUTED at Harris County, Texas, on the 15 day of July, 2008.


Stephen A. Graham

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Stephen A. Graham** 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 15 day of July, 2008.




Notary Public

My Commission Expires:

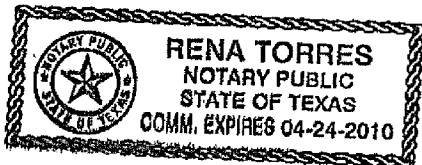
EXECUTED at Harris County, Texas, on the 15 day
of July, 2008.

Philip W. Woodard
Philip W. Woodard

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Philip W. Woodard** 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 15 day
of July, 2008.



[SEAL]

Rena Torres
Notary Public

My Commission Expires:

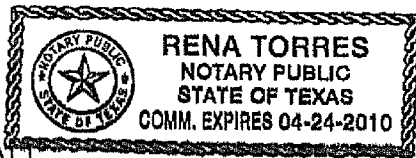
EXECUTED at Harris County, Texas, on the 15th day
of July, 2008.


Robert F. Shelley

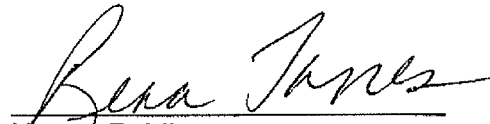
STATE OF TEXAS §
§
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Robert F. Shelley** 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 15 day
of July, 2008.

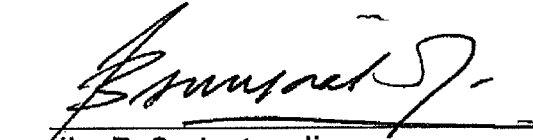


[SEAL]


Notary Public

My Commission Expires:

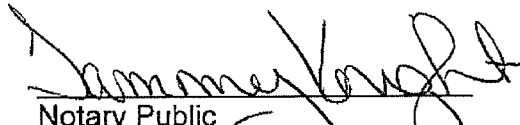
EXECUTED at STEPHENS County, Oklahoma, on the 14th day
of July, 2008.


Jim B. Surjaatmadja

STATE OF OKLAHOMA §
COUNTY OF STEPHENS §

BEFORE ME, the undersigned authority, on this day personally appeared
Jim B. Surjaatmadja 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 14th day
of July, 2008.


Notary Public
02002595

[SEAL] 2-13-2010

My Commission Expires: