

## PATENT ASSIGNMENT COVER SHEET

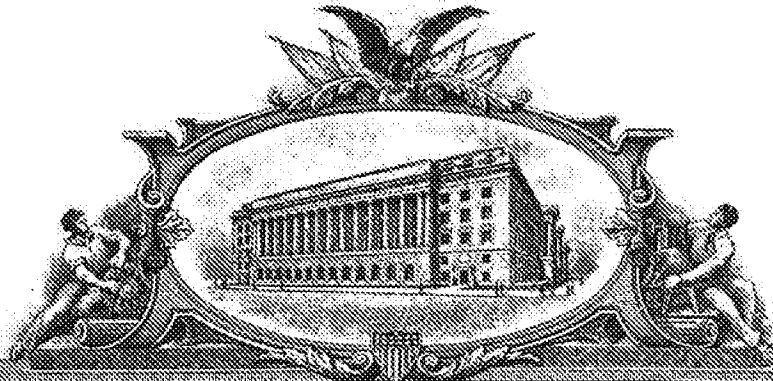
Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6924690

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD L. HINKIE	05/26/2011
KURTIS W. PRICE	05/23/2011
ALF K. SEVRE	05/23/2011
SCOTT F. WENDORF	06/07/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16272493
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)223-3717
<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>	
<b>Phone:</b>	713-226-1200
<b>Email:</b>	patent@lockelord.com, victoria.kubitskey@lockelord.com
<b>Correspondent Name:</b>	LOCKE LORD LLP
<b>Address Line 1:</b>	600 TRAVIS STREET
<b>Address Line 2:</b>	SUITE 2800
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	2010-IP-037452 (189US53)
<b>NAME OF SUBMITTER:</b>	VICTORIA KUBITSKEY
<b>SIGNATURE:</b>	/Victoria Kubitskey/
<b>DATE SIGNED:</b>	09/20/2021
<b>Total Attachments: 7</b>	
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**THE UNITED STATES OF AMERICA**

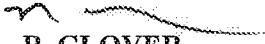
**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

**UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office**

August 13, 2021

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE  
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON  
JUNE 15, 2011.**

By Authority of the  
Under Secretary of Commerce for Intellectual Property  
and Director of the United States Patent and Trademark Office

  
**R GLOVER**  
Certifying Officer



**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald L. HINKIE	05/26/2011
Kurtis W. PRICE	05/23/2011
Aif K. SEVRE	05/23/2011
Spott W. WENDORF	06/07/2011
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:	13112343
CORRESPONDENCE DATA	
Fax Number:	(972)516-0608
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-516-0030
Email:	mail@smithipservices.com
Correspondent Name:	SMITH IP SERVICES, P.C.
Address Line 1:	P.O. Box 997
Address Line 4:	Rockwall, TEXAS 75087
ATTORNEY DOCKET NUMBER:	2010-IP-037452 U1 US
NAME OF SUBMITTER:	Sally Ann Smith
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

OP \$40.00 13112343

501565756

**PATENT**  
 REEL: 026448 FRAME: 0362

**PATENT**  
 REEL: 057531 FRAME: 0319

**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, **Ronald L. HINKIE, Kurtis W. PRICE, Aif K. SEVRE, and Scott F. WENDORF**, having made an invention in a "**VERIFICATION OF SWELLING IN A 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 "**VERIFICATION OF SWELLING IN A WELL**";
2. United States of America patent application on said invention, Attorney File No. **2010-IP-037452 U1 US**, U.S. Serial No. **13/112,343**, filed **20 May 2011**, executed by us, entitled "**VERIFICATION OF SWELLING IN A 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.

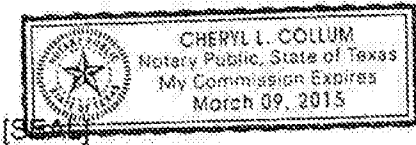
EXECUTED at HARRIS County, Texas, on the 26 day of MAY, 2011.


  
Ronald L. HINKIE

STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Ronald L. HINKIE** 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.

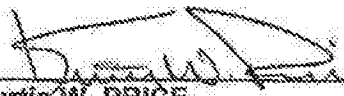
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 26<sup>TH</sup> day of MAY, 2011.



  
Notary Public

My Commission Expires:

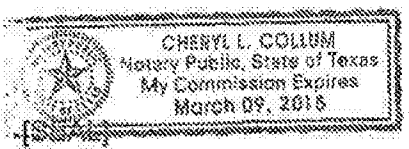
EXECUTED at HARRIS County, Texas, on the 23<sup>rd</sup> day of MAY, 2011.

  
Kurtis W. PRICE

STATE OF TEXAS §  
  §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Kurtis W. PRICE** 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.

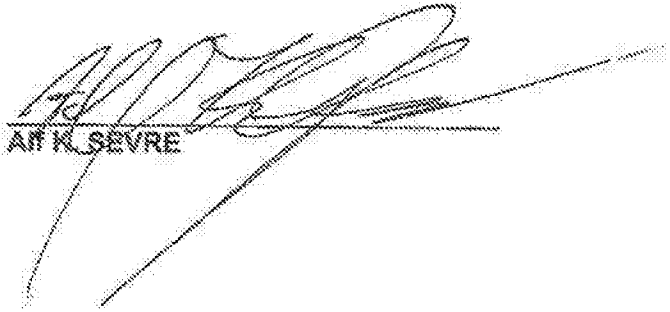
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 23<sup>rd</sup> day of MAY, 2011.



  
Notary Public

My Commission Expires:

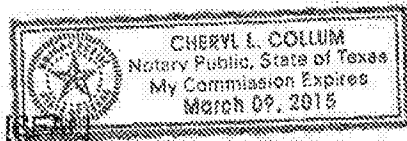
EXECUTED at HARRIS County, Texas, on the 23 day of  
MAY, 2011.

  
ALF K. SEVRE

STATE OF TEXAS §  
  §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared  
Alf K. SEVRE 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 23<sup>rd</sup>  
day of MAY, 2011.



  
Notary Public

My Commission Expires:



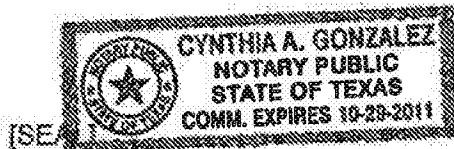
EXECUTED at Dallas County, Texas, on the 7 day of  
June, 2011.

  
\_\_\_\_\_  
Scott F. WENDORF

STATE OF Texas §  
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared  
Scott F. WENDORF 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 7  
day of June, 2011.



  
\_\_\_\_\_  
Notary Public

My Commission Expires: 10-29-2011

RECORDED: 06/15/2011

PATENT  
REEL: 026448 FRAME: 0367

RECORDED: 09/20/2021

PATENT  
REEL: 057531 FRAME: 0324