

08-26-2004

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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102822461

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**Steven G. Streich  
James C. Tucker  
Lee Wayne Stepp  
Phillip M. Starr01/23/04 (Streich; Tucker)  
Starr)

Execution Date(s) 01/27/04 (Stepp)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Halliburton Energy Services, Inc.

Internal Address: \_\_\_\_\_

Street Address: 10200 Bellaire Boulevard

City: Houston

State: TX

Country: U.S. Zip: 77072

Additional name(s) & address(es) attached? ☒ Yes ☐ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/769,121

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John W. Wustenberg

Internal Address: Halliburton Energy Services

Street Address: 2600 South Second Street

City: Duncan

State: OK Zip: 73536-0440

Phone Number: 580.251.3782

Fax Number: 580.251.3917

Email Address: john.wustenberg@halliburton.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0300

Authorized User Name Halliburton

**9. Signature:**

Signature

13 AUG 04

Date

John W. Wustenberg

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

12

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven G. Streich Phillip M. Starr  
Roger L. Schultz  
James C. Tucker  
Lee Wayne Stepp

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

01/23/04 (Streich; Tucker;  
Starr)  
Execution Date: 01/27/04 (Stepp)

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 01/23/04

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B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☐ No

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

DO NOT USE THIS SPACE

9. Signature.

John W. Wustenberg

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

02/09/2004 ECDOPER 00000219 080300

10769121

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40.00 DA

**ASSIGNMENT**

Whereas, I/We, Steven G. Streich, of Stephens County, Duncan, Oklahoma; Roger L. Schultz, of Denton County, Aubrey, Texas; James C. Tucker, of Carter County, Springer, Oklahoma; Lee Wayne Stepp, of Stephens County, Comanche, Oklahoma and Phillip M. Starr, of Stephens County, Duncan, Oklahoma, have invented SYSTEM AND METHOD FOR SENSING LOAD ON A DOWNHOLE TOOL for which I have made application for Letters Patent of the United States; 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, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on

January 23, 2004, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States 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 this 23rd day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

Steven G. Streich  
Steven G. Streich

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Steven G. Streich and acknowledged the foregoing instrument to be his free act and deed this 23rd day of January, 2004.

Seal

Sheila D. Hols  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004, at Carrollton, Dallas County, Texas  
U.S.A.

\_\_\_\_\_  
Roger L. Schultz

State of Texas         )  
                                  ) ss  
County of Dallas     )

Before me personally appeared said Roger L. Schultz and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of January, 2004.

Seal

\_\_\_\_\_  
(Notary Public)

My Commission Expires:

Executed this 23rd day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

James C. Tucker

James C. Tucker

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said James C. Tucker and acknowledged the foregoing instrument to be his free act and deed this 23rd day of January, 2004.

Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 27th day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

Lee Wayne Stepp

Lee W. Stepp

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Lee Wayne Stepp and acknowledged the foregoing instrument to be his free act and deed this 27th day of January, 2004.

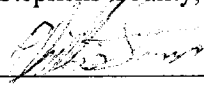
Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 23 day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

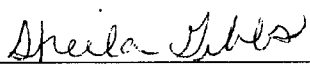


Phillip M. Starr

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Phillip M. Starr and acknowledged the foregoing instrument to be his free act and deed this 23rd day of January, 2004.

Seal



(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

**ASSIGNMENT**

Whereas, I/We, Steven G. Streich, of Stephens County, Duncan, Oklahoma; Roger L. Schultz, of Denton County, Aubrey, Texas; James C. Tucker, of Carter County, Springer, Oklahoma; Lee Wayne Stepp, of Stephens County, Comanche, Oklahoma and Phillip M. Starr, of Stephens County, Duncan, Oklahoma, have invented SYSTEM AND METHOD FOR SENSING LOAD ON A DOWNHOLE TOOL for which I have made application for Letters Patent of the United States; and

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January 23, 2004, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States 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.

Steven G. Streich  
Steven G. Streich

Sheila D. Mos  
(Notary Public)

**PATENT**  
**REEL: 015715 FRAME: 0965**



Executed this 23rd day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

James C. Tucker  
James C. Tucker

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said James C. Tucker and acknowledged the foregoing instrument to be his free act and deed this 23rd day of January, 2004.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 27th day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

Lee Wayne Stepp  
Lee W. Stepp

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

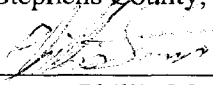
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Seal

Sheila Gibbs  
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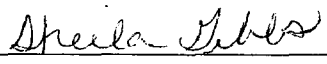
Executed this 23 day of January, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

  
\_\_\_\_\_  
Phillip M. Starr

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Phillip M. Starr and acknowledged the foregoing instrument to be his free act and deed this 23rd day of January, 2004.

Seal

  
\_\_\_\_\_  
(Notary Public)

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