

03-07-2003

Form PTO-1595  
(Rev. 10/02)

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

OMB No. 0651-0027 (exp. 6/30/2005)

102383432

Tab settings ⇌ ⇌ ⇌

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

1. Name of conveying party(ies):

Michael Hooper, Alois Jerabek,  
Paul D. Ringgenberg, and Bill Paluch

3-4-03

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: Building 2, 15th Floor

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

3. Nature of conveyance:

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

Street Address: 2101 City West Blvd.

City: Houston State: TX Zip: 77042-3021

Execution Date: 02/13/2003

Additional name(s) & address(es) attached?  Yes  No

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: \_\_\_\_\_

A. Patent Application No.(s) 10/288,794;

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

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Chris N. Cravey

Internal Address: Vinson & Elkins L.L.P.

2300 First City Tower

Street Address: 1001 Fannin

City: Houston State: TX Zip: 77002-6760

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:

22-0365; Attn: HAL638/4-9US

DO NOT USE THIS SPACE

9. Signature.

Chris N. Cravey  
Name of Person Signing

Signature

2-24-03  
Date

Total number of pages including cover sheet, attachments, and documents: 9

03/06/2003 ECDOPER 00000195 220365 102383432 documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:0021 40.00 CH

PATENT  
REEL: 013810 FRAME: 0107



Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Alois Jerabek

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Alois Jerabek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Paul D. Ringgenberg

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Paul D. Ringgenberg, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Bill Paluch

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Bill Paluch, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Halliburton Energy Service, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 4100 Clinton Drive, Houston, Texas 77020, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the International Patent Application entitled "Drilling Formation Tester, Apparatus and Methods of Testing and Monitoring Status of Tester", having an International Application Number PCT/US00/30597, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign and United States applications under the provisions of any convention or treaty and claim priority based on such application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Michael Hooper

STATE OF TEXAS )  
 ) §§  
COUNTY OF H )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Michael Hooper, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

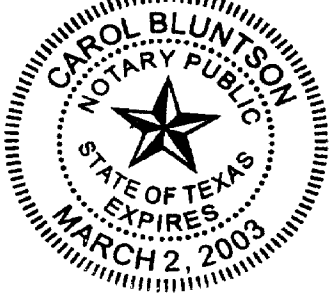
[SEAL]

Signature: Alois Jerabek  
Name: Alois Jerabek

Date: November 20, 2002

STATE OF TEXAS )  
 ) §§  
COUNTY OF Harris )

BEFORE ME, the undersigned authority, on this 20<sup>th</sup> day of November, 2002, personally appeared Alois Jerabek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Carol Bluntson  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Paul D. Ringgenberg

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Paul D. Ringgenberg, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Bill Paluch

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Bill Paluch, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]



Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Alois Jerabek

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Alois Jerabek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

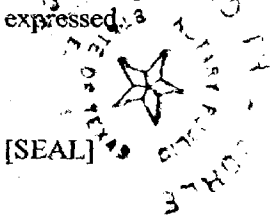
Signature: *Paul D. Ringgenberg*  
Name: Paul D. Ringgenberg

Date: 15 NOV 02

STATE OF TEXAS )  
 ) §§  
COUNTY OF Harris )

BEFORE ME, the undersigned authority, on this 15<sup>th</sup> day of November, 2002, personally appeared Paul D. Ringgenberg, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

*Judith L. Jable*  
Notary or Consular Officer



[SEAL]

Signature: \_\_\_\_\_  
Name: Bill Paluch

Date: \_\_\_\_\_

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared Bill Paluch, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]





Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Alois Jerabek

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared Alois Jerabek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Paul D. Ringgenberg

STATE OF TEXAS )  
 ) §§  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared Paul D. Ringgenberg, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

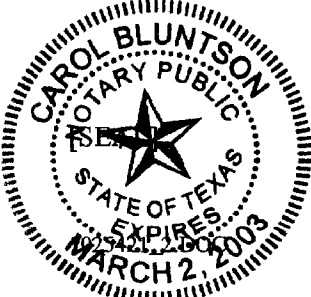
Signature: *Bill Paluch*  
Name: Bill Paluch

Date: Feb 13 2003

STATE OF TEXAS )  
 ) §§  
COUNTY OF Harris )

BEFORE ME, the undersigned authority, on this 13<sup>th</sup> day of February, 2003, personally appeared Bill Paluch, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

*Carol Bluntson*  
Notary or Consular Officer



HAL638/4-009WO