

12-23-2002



RECORD
PATENT 102319729

Form PTO-1595
(Rev. 10/02)

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

Tab settings ⇌ ⇌ ⇌

DEPARTMENT OF COMMERCE
S. Patent and Trademark Office

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

1. Name of conveying party(ies): 12/16/02
 Paul D. Ringgenberg Ronald L. Hinkie
 Gregory W. Vargus Don S. Folds
 Lee Wayne Stepp
 Donald R. Smith
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Halliburton Energy Services, Inc.
 Internal Address: _____

 Street Address: 10200 Bellaire Boulevard

 City: Houston State: TX Zip: 77072
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 11/21/02 (Ringgenberg)
 12/02/02 (Vargus; Folds)
 Execution Date: 12/05/02 (Stepp; Smith; Hinkie)

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) 10/268,531

 B. Patent No.(s) _____

 Additional numbers attached? Yes No

5. Name and address of party 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

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 John W. Wustenberg 10 DEC 02
 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

12/20/2002 GTOM11 00000198 080300 10268531
01 FC:8021 40.00 CH

PATENT
REEL: 013591 FRAME: 0070

ASSIGNMENT

Whereas, We, Paul D. Ringgenberg of Harris County, Spring, Texas; Gregory W. Vargus of Stephens County, Duncan, Oklahoma; Lee Wayne Stepp of Stephens County, Comanche, Oklahoma; Donald R. Smith of Carter County, Wilson, Oklahoma; Ronald L. Hinkie of Stephens County, Marlow, Oklahoma and Don S. Folds of Stephens County, Duncan, Oklahoma, have invented DOWNHOLE SEALING TOOLS AND METHOD OF USE for which I have made application for Letters Patent of the United States; and

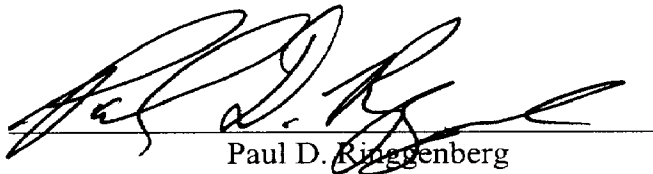
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

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 serial number 10/268,531, filed on October 9, 2002, 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.

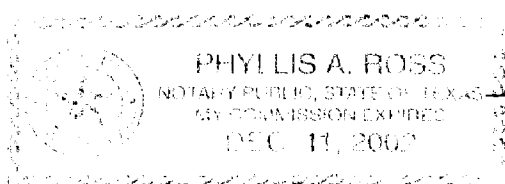
Executed this 21 day of NOVEMBER, 2002, at Houston, Harris County, Texas,
U.S.A.

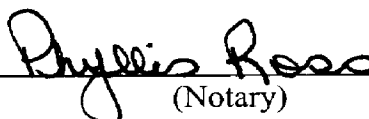

Paul D. Ringgenberg

STATE OF TEXAS)
) ss
COUNTY OF HARRIS)

Before me personally appeared said Paul D. Ringgenberg and acknowledged the foregoing
instrument to be his free act and deed this 21 day of NOVEMBER, 2002.

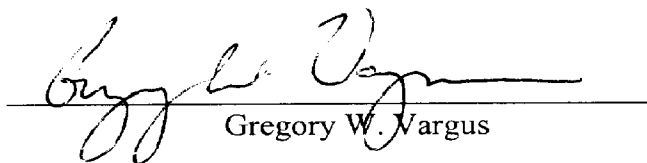
Seal




Phyllis A. Ross
(Notary)

My Commission Expires:

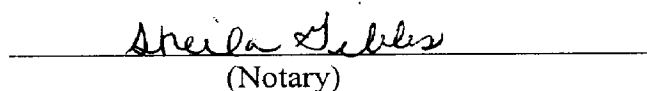
Executed this 2 day of December, 2002, at Duncan, Stephens County, Oklahoma,
U.S.A.


Gregory W. Vargus

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Gregory W. Vargus and acknowledged the foregoing
instrument to be his free act and deed this 2nd day of December, 2002.

Seal


Sheila Gibbs
(Notary)

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

Executed this 5th day of December, 2002, at Duncan, Stephens County, Oklahoma,
U.S.A.

Lee Wayne Stepp
Lee Wayne 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 5th day of December, 2002.

Seal

Sheila Gibbs
(Notary)

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

Executed this 5th day of December, 2002, at Duncan, Stephens County, Oklahoma,
U.S.A.

Donald R. Smith
Donald R. Smith

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Donald R. Smith and acknowledged the foregoing instrument to be his free act and deed this 5th day of December, 2002.

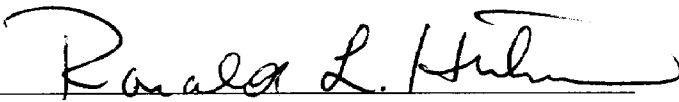
Seal

Sheila Gibbs
(Notary)

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

Executed this 5th day of December, 2002, at Duncan, Stephens County, Oklahoma,

U.S.A.




Ronald L. Hinkie

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Ronald L. Hinkie and acknowledged the foregoing instrument to be his free act and deed this 5th day of December, 2002.

Seal



(Notary)

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

Executed this 2nd day of December, 2002, at Duncan, Stephens County, Oklahoma,

U.S.A.

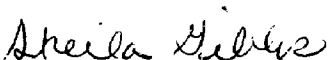


Don S. Folds

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Don S. Folds and acknowledged the foregoing instrument to be his free act and deed this 2nd day of December, 2002.

Seal



(Notary)

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