

1/21/04

01-23-2004



Attorney Docket No. 1391-2840

FORM PTO-1595
(Rev. 6-93) Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94)

U. S. DEPARTMENT OF COMMERCE

102652910
PATENTS ONLY

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

1. Name of conveying parties(ies):

1. Jay M. Eppink
2. Brent E. Phillips
3. James W. Estep
Additional name(s) of conveying party(ies):

Attached? ☐ Yes ☒ No

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

Halliburton Energy Services, Inc.
10200 Bellaire Boulevard
Houston, Texas 77072

Additional name(s) & address(es)

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Attached? ☐ Yes ☒ No

Execution Dates: 1. 11/17/2003; 2. 11/07/2003; 3. 11/06/2003

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). B. Patent No.(s).

Additional numbers attached? ☐ Yes ☒ No

OPR/FINANCE
JAN 21 AM 8:41

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

DAVID A. ROSE
Conley Rose, P.C.
P. O. Box 3267
Houston, Texas 77253-3267

6. Total number of application and patents involved: 1

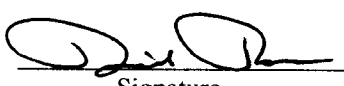
7. Total fee (37 CFR 3.41)\$ 40.00

☐ Enclosed
☒ Authorized to be charged to deposit account
8. Deposit account number: 03-2769

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy if a true copy of the original document

David A. Rose 
Name of Person Signing Signature

January 16 2004
Date

Total number of pages including cover sheet, attachments, and documents 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, JAY M. EPPINK ("ASSIGNOR"), along with BRENT E. PHILLIPS and JAMES W. ESTEP, are joint inventors having made an invention in METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE, while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE;
2. United States of America patent application on said invention, U.S. Patent Application Serial No. 10/676,858 filed October 1, 2003, Attorney's File No. 1391-28401, entitled METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, 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 me or my 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 limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

PATENT

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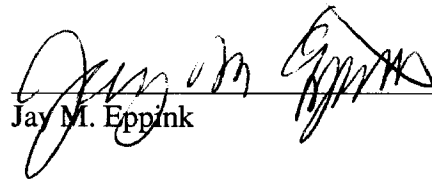
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my 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 Houston, Texas on the date indicated below, opposite my signature.

ASSIGNOR

Date: 11/17/03


Jay M. Eppink

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §


BEFORE ME, the undersigned authority, on this day personally appeared JAY M. EPPINK, 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 17th day of November, 2003.



Commission Expires:

March 2, 2003


Notary Public in and for
the State of T E X A S

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by HALLIBURTON ENERGY SERVICES, INC., and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, BRENT E. PHILLIPS and JAMES W. ESTEP, along with JAY M. EPPINK, are joint inventors ("ASSIGNORS"), having made an invention in METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE, while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE;
2. United States of America patent application on said invention, U.S. Patent Application Serial No. 10/676,858 filed October 1, 2003, Attorney's File No. 1391-28401, entitled METHOD AND APPARATUS FOR REMOVING CUTTINGS FROM A DEVIATED WELLBORE;
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, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, 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 limitation, those obtained or permissible under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in 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, and 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 Houston, Texas on the dates indicated below, opposite our signature.

ASSIGNORS:

Date: 7 NOVEMBER 2003

Brent E. Phillips
Brent E. Phillips

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared BRENT E. PHILLIPS, 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 7th day of November, 2003.



My Commission Expires:

10/03/04

Judith R. Lehle
Notary Public in and for
the State of TEXAS

Date: 6 November 2003


James W. Estep

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §


BEFORE ME, the undersigned authority, on this day personally appeared JAMES W. ESTEP, 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 6th day of November, 2003.



My Commission Expires:

10/03/04


Notary Public in and for
the State of TEXAS