

07-02-2003



To the Honorable Commissioner of Patents

102487154

original document or copy thereof.

1. Name of conveying party(ies):

Travis W. Cavender
Thomas O. Roane
Neil Hepburn

6-30-03

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: Legal, Intellectual Property DepartmentStreet Address: P.O. Box 819052City: Dallas State: Texas ZIP: 75381Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 15, 2003; May 30, 2003; June 11, 20034. Application number(s) or patent number(s): 10/356,334

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

A. Patent Application No.(s)

10/356,334

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William M. ImwalleInternal Address: Legal, Intellectual Property DepartmentHalliburton Energy Services, Inc.

Mail Code 1-B-121

Street Address: P.O. Box 819052City: Dallas State: Texas ZIP: 753816. Number of applications and patents involved: 1FINANCE SECTION
MAY 10 3 33
RECORDS7. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

(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 is a true copy of the original document.*PAUL I. HERMAN

Name of Person Signing

Signature

Date

6/25/03

07/01/2003 LMUELLER 00000193 080300 10356334

01 FC:8021 40.00 DA

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

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Travis W. Cavender, Thomas O. Roane, and Neil Hepburn**, having made an invention in a **"Multilateral Well Construction and Sand Control Completion"** 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 2601 Beltline Road, Carrollton, Texas, 75006, (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 **"Multilateral Well Construction and Sand Control Completion"**;

2. United States of America patent application on said invention, Attorney File No. **2002-IP-007166 U1 USA**, U.S. Serial No. **10/356,334**, filed **January 31, 2003** executed by us, entitled **"Multilateral Well Construction and Sand Control Completion"**;

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;

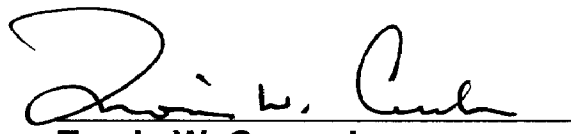
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

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 15 day of May, 2003.


Travis W. Cavender

STATE OF Texas §
COUNTY OF Harris §

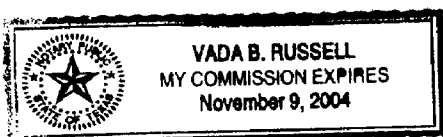
BEFORE ME, the undersigned authority, on this day personally appeared **Travis W. Cavender** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 15 day of May, 2003.


Notary Public

[SEAL]

My Commission Expires:



EXECUTED at _____,
on the _____ day of _____, 2003.

Thomas O. Roane

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Thomas O. Roane** 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 _____
day of _____, 2003.

Notary Public

[SEAL]

My Commission Expires:

EXECUTED at LEDUC, ALBERTA, on
the 30th day of MAY, 2003.

N. Hepburn
Neil Hepburn

PROVINCE
STATE OF ALBERTA §
COUNTY OF LEDUC §

BEFORE ME, the undersigned authority, on this day personally appeared
Neil Hepburn 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 30th
day of MAY, 2003.

Notary Public

JOHN-PAUL HARGROVE
BARRISTER & SOLICITOR

ZALAPSKI & PAHL
BARRISTERS & SOLICITORS
SUITE 1, 5304 - 50 STREET
LEDUC, ALBERTA T9E 6Z6

[SEAL]

My Commission Expires: N/A

MY APPOINTMENT AS
NOTARY PUBLIC DOES NOT
EXPIRE BEING A BARRISTER
AND SOLICITOR IN AND FOR
ALBERTA, CANADA

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Travis W. Cavender, Thomas O. Roane, and Neil Hepburn**, having made an invention in a **“Multilateral Well Construction and Sand Control Completion”** 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 2601 Beltline Road, Carrollton, Texas, 75006, (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 **“Multilateral Well Construction and Sand Control Completion”**;

2. United States of America patent application on said invention, Attorney File No. **2002-IP-007166 U1 USA**, U.S. Serial No. **10/356,334**, filed **January 31, 2003** executed by us, entitled **“Multilateral Well Construction and Sand Control Completion”**;

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 _____ County, Texas, on the _____ day of _____, 2003.

Travis W. Cavender

STATE OF _____ §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Travis W. Cavender** 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 _____ day of _____, 2003.

Notary Public

[SEAL]

My Commission Expires:

EXECUTED at Halliburton, Lagos Nigeria office, on
the 11th day of June, 2003.

Thomas O. Roane
Thomas O. Roane

EXECUTED at _____, on the
_____ day of _____, 2003.

Neil Hepburn

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared
Neil Hepburn 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 _____
day of _____, 2003.

Notary Public

[SEAL]

My Commission Expires: