

3/27/02 DATE

04-10-2002



102049275

To the Honorable Commissioner of Patents and Trademarks

or copy thereof.

1. Name of conveying party(ies):

Ronald W. McGregor
David A. Hejl
Travis T. Hailey, Jr.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoName: 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 ☒ NoJCE79 U.S. PTO
10/107507
03/27/02

3. Nature of conveyance:

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

Execution Date: March 21, 2002March 25, 2002March 21, 2002

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: MARCH 27, 2002

A. Patent Application No.(s)

B. Patent No.(s)

10/107507

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-121Street Address: P.O. Box 819052City: Dallas State: Texas ZIP: 753816. Number of applications and patents involved: 17. 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)

(04/10/2002 GTDN11 00000069 080300 10107507
01 FC:581 40.00 CH)

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.*WILLIAM M. IMWALLE

Name of Person Signing

Signature

Date

March 27, 2002Total number of pages including cover sheet, attachments, and document: 2

ASSIGNMENT

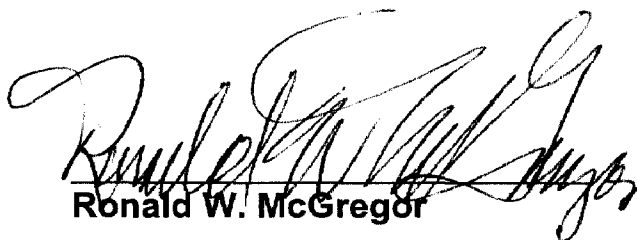
IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Ronald W. McGregor, David A. Hejl, and Travis T. Hailey, Jr.**, having made an invention in a **“Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same”** 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 **“Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same”**;
2. United States of America patent application on said invention, Attorney File No. **2001-IP-004243 U2**, U.S. Serial No. **unassigned**, filed **herewith** executed by us, entitled **“Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same”**;
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.

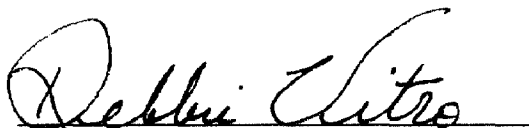
EXECUTED at Dallas County, Texas, on the 21 day of March, 2002.

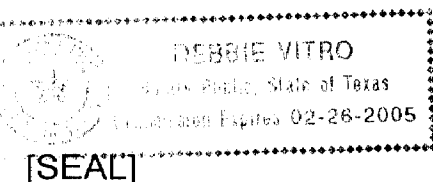

Ronald W. McGregor

STATE OF Texas §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **Ronald W. McGregor** 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 21 day of March, 2002.


Notary Public



My Commission Expires: 2-26-05

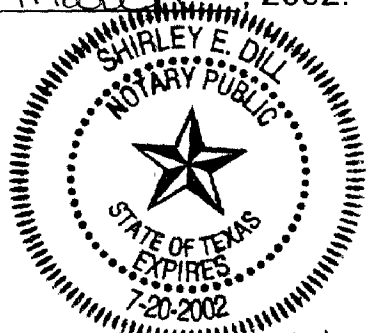
EXECUTED at Dallas County, Texas, on the 25 day
of March, 2002.


David A. Hejl

STATE OF Texas §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **David A. Hejl** 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 25th
day of March, 2002.



[SEAL]

My Commission Expires: 7/20/2002


Notary Public

EXECUTED at _____ County, Texas, on the _____ day
of _____, 2002.

Travis T. Hailey, Jr.

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Travis T. Hailey, Jr.** 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 _____, 2002.

Notary Public

[SEAL]

My Commission Expires:

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, **Ronald W. McGregor, David A. Hejl, and Travis T. Hailey, Jr.**, having made an invention in a **"Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same"** 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 **"Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same"**;

2. United States of America patent application on said invention, Attorney File No. **2001-IP-004243 U2**, U.S. Serial No. **unassigned**, filed **herewith** executed by us, entitled **"Transition Member For Maintaining Fluid Slurry Velocity Therethrough And Method For Use Of Same"**;

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 _____, 2002.

Ronald W. McGregor

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Ronald W. McGregor** 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 _____, 2002.

Notary Public

[SEAL]

My Commission Expires:

EXECUTED at _____ County, Texas, on the _____ day
of _____, 2002.

David A. Hejl

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **David A. Hejl** 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.

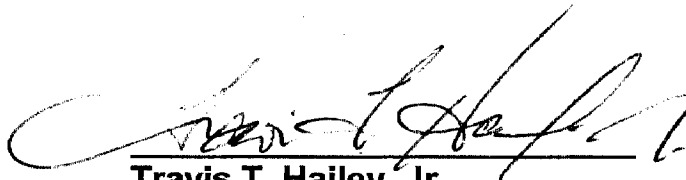
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____
day of _____, 2002.

Notary Public

[SEAL]

My Commission Expires:

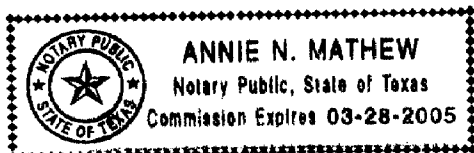
EXECUTED at Dallas County, Texas, on the 21st day
of March, 2002.


Travis T. Hailey, Jr.

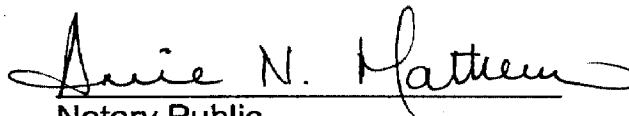
STATE OF TEXAS §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Travis T. Hailey, Jr.** 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 21st
day of March, 2002.



[SEAL]


Notary Public

My Commission Expires: 3-28-2005