

06-23-1998

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

100744129

original document or copy thereof

1. Name of conveying party(ies):

JAMES D. VICK, JR.
DAVID L. REESING
EWAN ROBB

6-8-98

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 ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: JUNE 3, 19984. Application number(s) or patent number(s): 09/031,632

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

A. Patent Application No.(s)

09/031,632

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

COPY

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

Name: Paul I. HermanInternal Address: Law 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)

06/23/1998 JSNADAZZ 00000025 080300 09031632

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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

6/4/98Total number of pages including cover sheet, attachments, and document: 5

REEL: 9249 FRAME: 0303

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, David Reesing, James Vick, Jr. and Ewan Robb, having made an invention in a **"Plug Apparatus Having a Dispersible Plug Member and a Fluid Barrier"**, 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 **"Plug Apparatus Having a Dispersible Plug Member and a Fluid Barrier"**;

2. United States of America patent application on said invention, Attorney File No. 970177 U1 USA, U.S. Serial No. 09/031,632 filed February 27, 1998, executed by me, entitled **"Plug Apparatus Having a Dispersible Plug Member and a Fluid Barrier"**;

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, 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 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 I covenant that I, 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.

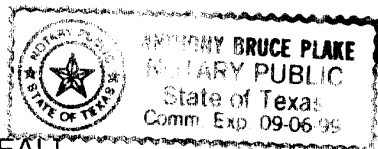
EXECUTED at Dallas County, Texas, on the
2nd day of June, 1998.

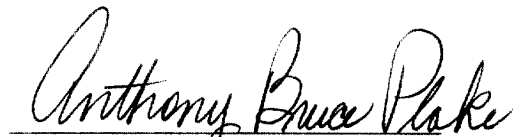

David L. Reesing

STATE OF TEXAS §
 §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared David L. Reesing, 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 2nd
day of June, 1998.




Notary Public in and for the
State of Texas

My Commission Expires:
Sept. 6, 1999

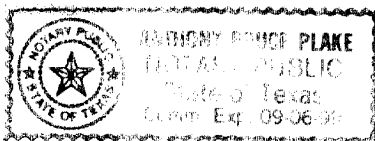
EXECUTED at Dallas County, Texas, on the
3rd day of June, 1998.

James D. Vick, Jr.
James D. Vick, Jr

STATE OF TEXAS §
 §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared James D. Vick, 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 3rd
day of June, 1998.



[SEAL]

Anthony Bruce Plake
Notary Public in and for the
State of Texas

My Commission Expires:
Sept. 6, 1999

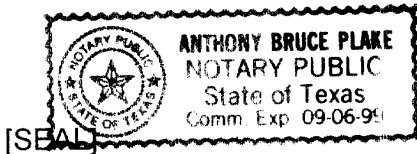
EXECUTED at Dallas County, Texas, on the
2nd day of June, 1998.

Ewan Robb
Ewan O. Robb

STATE OF TEXAS §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared Ewan O. Robb, 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 2nd
day of June, 1998.



Anthony Bruce Plake
Notary Public in and for the
State of Texas

My Commission Expires:
Sept. 6, 1999