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To the Honorable Comm

the attached original document or copy thereof.

3-15-01

1. Name of conveying party(ies):

John C. Gano
Henry L. Restarick

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 Department

Street Address: P.O. Box 819052

City: Dallas State: Texas ZIP: 75381

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: March 9, 2001

4. Application number(s) or patent number(s): 09/746,669

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

A. Patent Application No.(s)

09/746,669

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. Imwalle
Internal Address: Legal, Intellectual Property Department
Halliburton Energy Services, Inc.
Mail Code 1-B-121

Street Address: P.O. Box 819052

City: Dallas State: Texas ZIP: 75381

6. 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

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

04/03/2001 AAHMEB1 00000113 000300 09746669

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.

PAUL I. HERMAN
Name of Person Signing

Signature

3/12/01
Date

Total number of pages including cover sheet, attachments, and document: 4

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, **JOHN C. GANO** and **HENRY L. RESTARICK**, having made an invention in an **“FLUSHING OR WASHING BORE HOLE AHEAD OF EXPANSION”** 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 **“FLUSHING OR WASHING BORE HOLE AHEAD OF EXPANSION”**;

2. United States of America patent application on said invention, Attorney File No. **990417 U1 USA**, U.S. Serial No. **09/746,669**, filed **December 22, 2000** executed by us, entitled **“FLUSHING OR WASHING BORE HOLE AHEAD OF EXPANSION”**;

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;

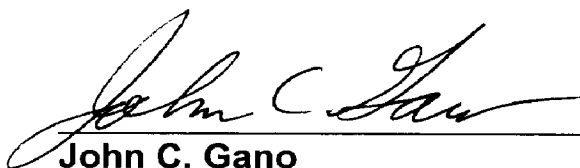
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statues;

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 9th day of March, 2001.

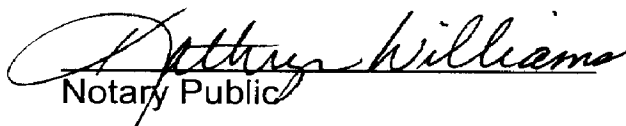

John C. Gano

STATE OF Texas §
 §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **John C. Gano** 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 9th day of March, 2001.

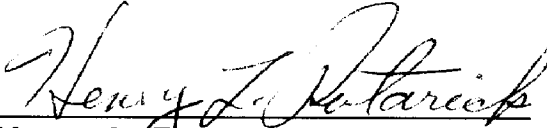



Notary Public

[SEAL]

My Commission Expires:

EXECUTED at Dallas County, Texas, on the 9th day
of March, 2001.

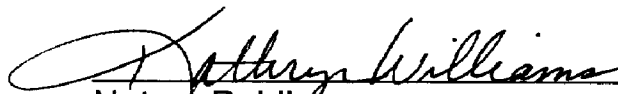

Henry L. Restarick

STATE OF Texas §
 §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **Henry L. Restarick** 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 9th
day of March, 2001.




Kathryn Williams
Notary Public

[SEAL]

My Commission Expires: