

06-06-2002

R SHEET



To the Honorable Comm

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... receive the attached original document or copy thereof.

1. Name of conveying party(ies):

Roger L. Schultz  
Bruce H. Storm, Jr.  
John R. Dennis  
John M. Richardson

6-3-02

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

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: January 23, 2002; January 29, 2002; January 24, 2002; February 5, 2001

4. Application number(s) or patent number(s): 10/076,960

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

A. Patent Application No.(s)

10/076,960

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)

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

5/15/02  
Date

Total number of pages including cover sheet, attachments, and document: 7

OFFICE OF THE CLERK  
2002 JUN - 3 PM 1:05  
FINANCE SECTION

06/05/2002 6TOM11 00000218 080300 10076960  
01 FC:581 40.00 CH

**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, **ROGER L. SCHULTZ, BRUCE H. STORM, JR., JOHN R. DENNIS and JOHN M. RICHARDSON**, having made an invention in an **"DOWNHOLE SENSING AND FLOW CONTROL UTILIZING NEURAL NETWORKS"** 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 **"DOWNHOLE SENSING AND FLOW CONTROL UTILIZING NEURAL NETWORKS"**;

2. United States of America patent application on said invention, Attorney File No. **2000-IP-000076 U1 USA**, entitled **"DOWNHOLE SENSING AND FLOW CONTROL UTILIZING NEURAL NETWORKS"**;

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.

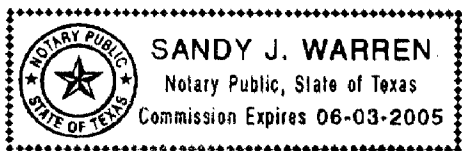
EXECUTED at DALLAS County, Texas, on the 01-23-02 day of JANUARY, 2002.

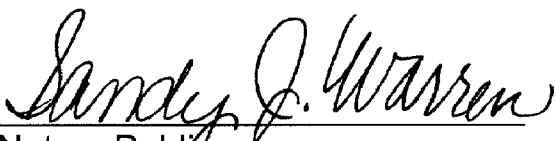
  
\_\_\_\_\_  
ROGER L. SCHULTZ

STATE OF TEXAS §  
  §  
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **ROGER L. SCHULTZ** 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 23 day of JANUARY, 2002.



  
\_\_\_\_\_  
Notary Public

[SEAL]

My Commission Expires: 6/3/05

EXECUTED at Harris County, Texas, on the 29 day  
of JAN, 2002.

Bruce H Storm Jr  
BRUCE H. STORM, JR.

STATE OF TEXAS §  
  §  
COUNTY OF HARRIS §

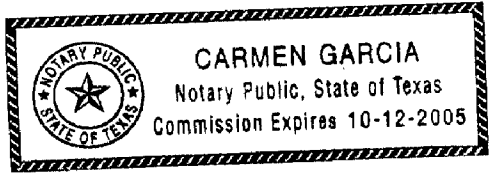
BEFORE ME, the undersigned authority, on this day personally appeared  
**BRUCE H. STORM, JR.** known to me to be the person whose name is  
subscribed to the foregoing instrument, and acknowledged to me that he  
executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 29  
day of January, 2002.

Carmen Garcia  
Notary Public

[SEAL]

My Commission Expires:





EXECUTED at Gallatin County, Texas, on the 24th day  
of January, 2002.

John R. Dennis  
JOHN R. DENNIS

STATE OF Montana §  
COUNTY OF Gallatin §  
§

BEFORE ME, the undersigned authority, on this day personally appeared **JOHN R. DENNIS** 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 24th  
day of JANUARY, 2002.

Michael Brown  
Notary Public

[SEAL]

My Commission Expires: June 15, 2004

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned,

JOHN M. RICHARDSON

Hereby sell, assign and transfer to HALLIBURTON ENERGY SERVICES, INC., (hereinafter referred to as the Assignee), having a place of business at 2601 Bellline Road, Carrollton, Texas 75006, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed in the international application filed under the authority of the Patent Cooperation Treaty, said application being filed herewith and entitled DOWNHOLE SENSING AND FLOW CONTROL UTILIZING NEURAL NETWORKS, and in and to said application and all national, provisional, divisional, continuing, substitute, renewal, reissue and all other applications for patents which have been or shall be filed in all countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in all countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agree that said Assignee may apply for and receive original patents for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all provisional, divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all

