

S. 13.02

05-20-2002

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

Attachments or copy thereof.

1. Name of conveying party(ies)

102096384

Name and address of receiving party(ies):

Vimal V. Shah  
Wallace R. Gardner  
Paul F. Rodney  
James H. Dudley  
M. Douglas McGregor

Halliburton Energy Services, Inc.  
4100 Clinton Drive  
Houston, Texas 77020

☒ Individual☐ Association☐ General Partnership☐ Limited Partnership☐ Corporation-State☐ Other \_\_\_\_\_☐ Individual☐ Association☐ General Partnership☐ Limited Partnership☒ Corporation-State-Delaware☐ Other \_\_\_\_\_

If assignee is not domiciled in the United States, a domestic representative designation is attached:

☐ Yes ☒ No

(Designations must be a separate document from Assignment)

Additional name(s) and address(es) attached?

☐ Yes ☒ NoAdditional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: April 17, 2002

4. Application number(s) or registration number(s):

☐ Mark if additional numbers attached

A. Patent Application No.(s):

Patent No.(s):

10075529

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

Michael W. Piper  
Conley, Rose & Tayon  
5700 Granite Parkway, Suite 330  
Plano, Texas 75024-66616  
Telephone: (972) 731-2288  
Facsimile: (973) 732-2289

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed☒ Any deficiencies or overpayments are authorized to be charged to or credited to deposit account

8. Deposit Account Number: 03-2769

(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.

Michael W. Piper, Reg. No. 39,800  
Name of Person Signing

*Michael W. Piper*  
Signature

5/2/2002  
Date

Total number of pages including cover sheet, attachments and document: 5

05/17/2002 6TDN11 00000228 032769 10075529

01 FC:581

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73687.01/1391.24900

PATENT  
REEL: 012898 FRAME: 0182

**ASSIGNMENT**

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Wallace R. Gardner, Vimal V. Shah, Paul F. Rodney, James H. Dudley and M. Douglas McGregor ("ASSIGNOR(S)"), having made an invention in DUAL CHANNEL DOWNHOLE TELEMETRY while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (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 DUAL CHANNEL DOWNHOLE TELEMETRY;
2. United States of America patent application on said invention, [Serial No. 10/075,529, filed February 13, 2002,] Attorney's File No. 2000-IP-002848/1391-24900, executed by us concurrently herewith, entitled DUAL CHANNEL DOWNHOLE TELEMETRY;
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 the place and on the date indicated below, opposite our signatures.

April 17, , 2002

Date

Place: Houston, TX



**Vimal V. Shah**

THE STATE OF TEXAS

§

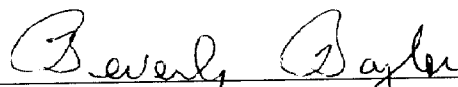
§

COUNTY OF HARRIS

§

BEFORE ME, the undersigned authority, on this day personally appeared Vimal V. Shah, 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.

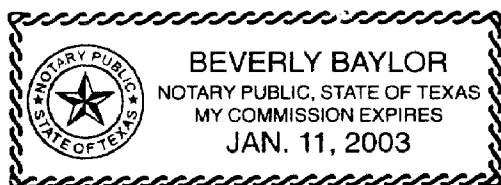
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 17 day of April, 2002.



Notary Public in and for the State of TEXAS

[S E A L]

My Commission Expires: 1-11-03



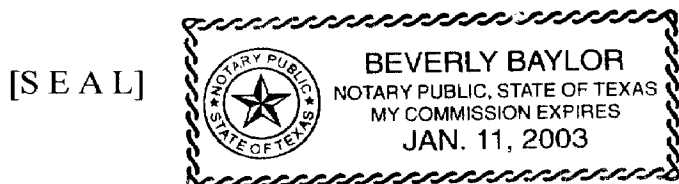
23 April, 2002  
Date  
Place: Houston, TX

Wallace R Gardner  
Wallace R. Gardner

THE STATE OF TEXAS §  
§  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Wallace R. Gardner, 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 April, 2002.



Beverly Baylor  
Notary Public in and for the State of TEXAS  
My Commission Expires: 1-11-03

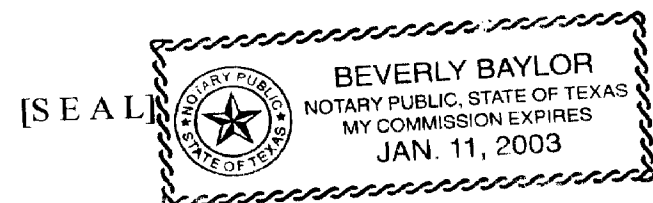
23 April, 2002  
Date  
Place: Houston, TX

Paul F. Rodney  
Paul F. Rodney

THE STATE OF TEXAS §  
§  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Paul F. Rodney, 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 April, 2002.



Beverly Baylor  
Notary Public in and for the State of TEXAS  
My Commission Expires: 1-11-03

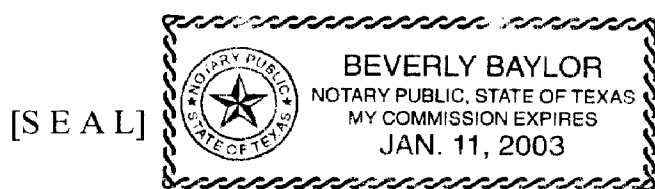
29 April, 2002  
Date  
Place: Houston, TX

James H. Dudley  
James H. Dudley

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared James H. Dudley, 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 April, 2002.



Beverly Baylor  
Notary Public in and for the State of TEXAS  
My Commission Expires: 1-11-03

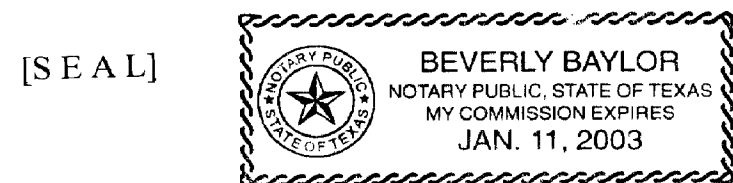
25 April, 2002  
Date  
Place: Houston, TX

M. Douglas McGregor  
M. Douglas McGregor

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared M. Douglas 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 25 day of April, 2002.



Beverly Baylor  
Notary Public in and for the State of TEXAS  
My Commission Expires: 1-11-03