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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Mark S. Beattie
 Ali H. Abdallah

Additional name(s) of conveying party(ies):

Attached? Yes No

2. Name and address of receiving party(ies):
 Halliburton Energy Services
 2135 Highway 6 South
 Houston, TX 77077

Additional name(s) & address(es):

Attached? Yes No



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: October 8, 1999

4. Application number(s) or patent number(s): Not yet assigned

If this document is being filed together with a new application, the execution date of the application is : October 8, 1999

09/415592

A. Patent Application No.(s).
 N/A

B. Patent No.(s).
 N/A

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 MARK E. SCOTT
 Conley, Rose & Tayon, P.C.
 P. O. Box 3267
 Houston, Texas 77253-3267

6. Total number of application 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: 03-2769

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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

Mark E. Scott
 Name of Person Signing

Signature

October 8, 1999
 Date

Mail documents to be recorded with required cover sheet information to:
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03 EC-5A1 40.00 OP

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PATENT
REEL: 010318 FRAME: 0255

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by **HALLIBURTON ENERGY SERVICES, INC.**, the receipt and sufficiency of which are hereby acknowledged, we, **MARK S. BEATTIE** and **ALI H. ABDALLAH** ("ASSIGNORS"), having made an invention in the Patent Application titled **MUD PULSE 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 **HALLIBURTON ENERGY SERVICES, INC.**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **MUD PULSE TELEMETRY**;
2. United States of America patent application executed by us concurrently herewith, entitled **MUD PULSE 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 limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection:

7. The right in 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, and 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 Houston, Texas on the date indicated below, opposite our signatures.

ASSIGNORS

Date: OCTOBER 5th 1999

Mark S. Beattie
MARK S. BEATTIE

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

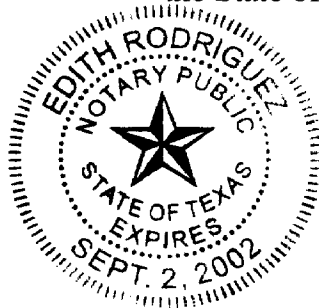
BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 5th day of October, 1999.

[S E A L]

Edith Rodriguez
Notary Public in and for
the State of T E X A S

My Commission Expires:
9-2-2002



Date: OCTOBER - 5 - 1999

Ali H. Abdallah

ALI H. ABDALLAH

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

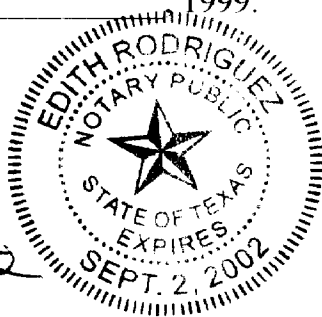
BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 5th day of October 1999.

[SEAL]

My Commission Expires:

9-2-2002



Edith Rodriguez

Notary Public in and for
the State of TEXAS