

06-04-2004

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5-26-04

Atty Ref/Docket No.: 1880.025US1

102759142

Patent and Trademark Office

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

- 1. Name of conveying party(ies): Percival F Williams
- 2. Name and address of receiving party(ies): Name: Halliburton Energy Services, Inc. Street Address: 10200 Bellaire Blvd. City: Houston State: TX Zip: 77072
- 3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other

Execution Date: May 20, 2004

21906 U.S. PTO 10/854539 052604

- 4. Application number(s) or patent number(s):
- If this document is being filed together with a new application, the execution date of the application is: May 20, 2004
- A. Patent Application No.(s) 101854539
- B. Patent No.(s)

Additional numbers attached?  Yes  No

- 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gregg A Peacock Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938 Minneapolis, MN 55402
- 6. Total 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. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

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.

Gregg A Peacock/Reg. No. 45,001  
Name of Person Signing

[Signature] 5-26-04  
Signature Date

Total number of pages including cover sheet: 3

06/03/2004 6TON11 00000074 10854539

01 FCT8021 40.00 UP

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT  
REEL: 015399 FRAME: 0923

## ASSIGNMENT

WHEREAS, I, Percival F Williams, residing at 5 Beeches Road, Charlton Kings, Cheltenham, Glos GL53 8NG, United Kingdom, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States on even date herewith, which is entitled AMPLIFICATION APPARATUS, SYSTEMS, AND METHODS;

AND WHEREAS, Halliburton Energy Services, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 10200 Bellaire Blvd., Houston, TX 77072 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of  
MAY, 2004.



Percival F. Williams

STATE OF \_\_\_\_\_ )

)ss

COUNTY OF GLOUCESTERSHIRE )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004 before me personally appeared Percival F. Williams, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

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