

10-15-2003



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PATENT

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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

1. Name of conveying party(ies):

Joakim O. Blanch and Georgios L. Varsamis

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: 10200 Bellaire Boulevard

City: Houston State: TX Zip: 77072

Execution Date: 12/18/2001

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

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: 12/18/2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark E. Scott

Internal Address: CONLEY ROSE, P.C.

EC00PER 00000145 032769 10677598

40.00 DA

Street Address: P.O. Box 3267

City: Houston State: Texas Zip: 77253-3267

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. 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, PTO Reg. No. 43,100

Name of Person Signing

Signature

October __, 2003

Date

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

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PATENT
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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, Joakim O. Blanch and Georgios L. Varsamis ("ASSIGNORS"), having made an invention in ACOUSTIC LOGGING APPARATUS AND METHOD FOR ANISTROPIC EARTH FORMATIONS 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:

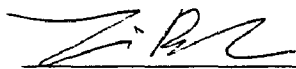
1. Said invention in ACOUSTIC LOGGING APPARATUS AND METHOD FOR ANISTROPIC EARTH FORMATIONS;
2. United States of America patent application on said invention, Attorney's File No. 1391-27200, executed by us concurrently herewith, entitled ACOUSTIC LOGGING APPARATUS AND METHOD FOR ANISTROPIC EARTH FORMATIONS;
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.

12 / 18, 2001
Date


Joakim O. Blanch

Place: Houston, TX

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Joakim O. Blanch 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.

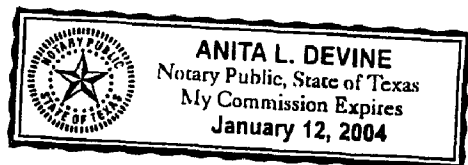
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 18 day of DECEMBER 2001.




Notary Public in and for
the State of TEXAS

My Commission Expires:

1-12-2004



12/18, 2001
Date

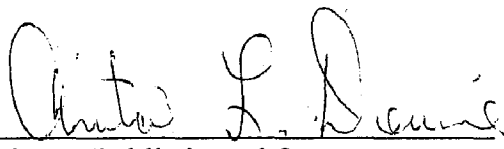

Georgios L. Varsamis

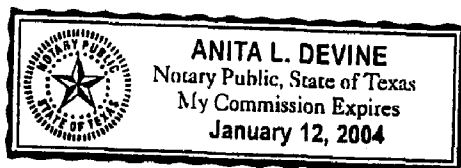
Place: Houston, TX

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Georgios L. Varsamis, 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 18 day of DECEMBER 2001.


Notary Public in and for
the State of TEXAS



My Commission Expires:
1-12-2004