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

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Tab settings

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

1. Name of conveying party(ies):

A. Stanley C. GIANZERO
B. LI GAO

02/05/02

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

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: Building 01, 6th Floor

Street Address: 4100 Clinton Drive

City: Houston State: Texas Zip: 77020

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

20/90/20
10/068346
JCT14 U.S. PTO

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

A. January 30, 2002
B. January 30, 2002

Execution Date:

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: (see below)

A. Patent Application No.(s)

B. Patent No.(s)

A. January 30, 2002

B. January 30, 2002

Additional numbers attached? Yes No

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

Name: Daniel J. Krueger

Internal Address: CONLEY, ROSE & TAYON, P.C.

02/25/2002 TDIAZI 00000204 032769 10068346

01 FC:881 40.00 CH

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

(Attach duplicate copy of this page if paying by deposit account)

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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.

Daniel J. Krueger, Reg. No. 42,771

Name of Person Signing

Signature

February 5, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

PATENT
REEL: 012595 FRAME: 0561

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, **Stanley C. GIANZERO and Li GAO** ("ASSIGNORS"), having made an invention in "**METHOD OF COMBINING VERTICAL AND MAGNETIC DIPOLE INDUCTION LOGS FOR REDUCED SHOULDER AND BOREHOLE EFFECTS,**" 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 "**METHOD OF COMBINING VERTICAL AND MAGNETIC DIPOLE INDUCTION LOGS FOR REDUCED SHOULDER AND BOREHOLE EFFECTS**";
2. United States of America patent application on said invention, Attorney's File No. 1391-30200 executed by us concurrently herewith, entitled "**METHOD OF COMBINING VERTICAL AND MAGNETIC DIPOLE INDUCTION LOGS FOR REDUCED SHOULDER AND BOREHOLE EFFECTS**";
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 my signature.

1/30, 2002
Date

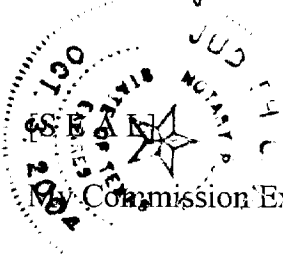

Stanley C. GIANZERO

Place: Houston, TX

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Stanley C. GIANZERO**, 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 30th day of January, 2002.



Judith L. Laible
Notary Public in and for
the State of TEXAS

My Commission Expires: 10/03/04

EXECUTED at the place and on the date indicated below, opposite my signature.

1-30-02, 2002
Date

Li GAO

Place: Houston

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **Li GAO**, 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 30th day of January, 2002.



Judith L. Laible
Notary Public in and for
the State of TEXAS

My Commission Expires: 10/03/04