

07-10-2001



RECORDED

06/15/01

101770724

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

George, E. E. Grant
Begg, Stephen M.

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation
300 Schlumberger
Sugar Land, TX 77478

No additional names & addresses attached

JC997 U.S. PTO
09/882546
06/15/01

3. NATURE OF CONVEYANCE:

09/882546

ASSIGNMENT EXECUTION DATE: 5/19/01, 6/1/01

4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):

If this document is being filed with a new application, the filing date of the application is: 6/15/01

A. PATENT APPLICATION NO.(s)

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:

Schlumberger Technology Corporation
Attn: Patent Counsel
P.O. Box 1590
Rosharon, Texas 77583-1590

6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1.

7. TOTAL FEE (37 CF4.3.41) \$40.00

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 50 0457
(a duplicate of this page is attached)

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.

Jaime A. Castaño
Jaime A. Castaño, Reg. No. 41,660 (Signature)

June 15, 2001
(Date)

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

07/05/2001 JJALLAH2 00000012 500457 09882546

01 FC:581 40.00 CH

ASSIGNMENT

WHEREAS, We, Grant E. E. George, a citizen of Canada, having an address at #16 1431 40th Avenue North East, Calgary, AB T2E8N6, Canada and Stephen M. Begg, a citizen of Canada, having an address at 4124 97th Street, Edmonton, AB T6E5Y6, Canada, hereinafter referred to as the "Inventors", have made inventions and improvements in: DEVIATED BOREHOLE DRILLING ASSEMBLY which are the subject of an application for Letters Patent of the United States of America, executed by us on the date(s) indicated below, (Docket No. 68.169CNT5), is the continuation of U.S. Application Serial No. 09/305,775 filed on April 16, 1999, which is a continuation-in-part of U.S. Application Serial No. 08/923,945 filed on September 5, 1997, now U.S. Patent No. 6,012,516. The '775 Application also claims the benefit of Canadian Patent Application No. 2,236,047, filed on, April 27, 1998, and Canadian Patent Application No. 2,245,342, filed on August 18, 1998, hereinafter referred to as the "Invention(s)".

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478, U.S.A. is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

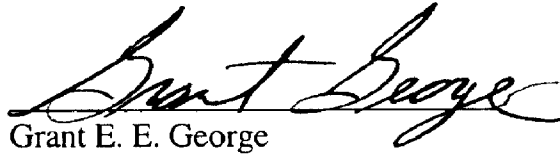
AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

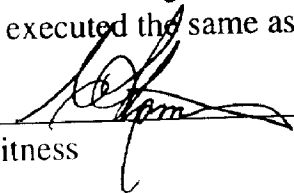
IN WITNESS WHEREOF, I, Grant E. E. George have hereunto set my hand and seal this

19/05, 2001.

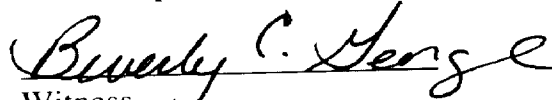

Grant E. E. George

WITNESSED:

BE IT KNOWN, that, is to me known to be the individual described in the foregoing assignment, that on this 19 day of May, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness

E. M. THOMAS
100 65 5th St
Calgary AB
T2B 6W3
Post Office Address


Witness
Beverly C. George
48 Hackamore Tr. R.R 2
Calgary
ALBERTA
T3Z1C3
Post Office Address

IN WITNESS WHEREOF, I, Stephen M. Begg have hereunto set my hand and seal this

June 1st, 2001.

Stephen M. Begg

Stephen M. Begg

WITNESSED:

BE IT KNOWN, that, is to me known to be the individual described in the foregoing assignment, that on this 1 day of June, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

Colin Howell
Witness

4124-97 St
Edmonton AB
T6E 5Y6

Post Office Address

Stanley
Witness

4124-97 St
Edmonton, AB
T6E 5Y6

Post Office Address