

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER
10/248369

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Bargach, Saad

Execution Date: 01/07/2003

Name: Hache, Jean-Michel

Execution Date: 01/09/2003

RECEIVING PARTY DATA

Name: Schlumberger Technology Corporation

Street Address: 110 Schlumberger Drive

Internal Address:

City: Sugar Land

State: TEXAS

Country:

Postal Code: 77478

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 281-285-8821

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

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CUSTOMER NUMBER: 023718

NAME OF PERSON SIGNING: Brigitte L. Jeffery

DATE SIGNED: 01/14/2003

Total Attachments: 3

A S S I G N M E N T

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below

SAAD BARGACH, citizen of Morocco, whose post office address is 4, Triton Square, Regent's Place, 3rd Floor, London, NW1 3HG, United Kingdom; and

JEAN-MICHEL HACHE, a citizen of the United States of America, who post office address is 3515 Shadow Bayou Ct., Houston, TX 77082 USA

have/has invented certain new and useful improvements in

DRILLING RIG CLOSED LOOP CONTROLS

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 22 day of JANUARY, 2003 (File No. 19.0306).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, Schlumberger Technology Corporation, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 (P.O. Box 2175, Houston, Texas 77252-2175) is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, 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 undersigned 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 above-described invention, inventions or improvements 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 said invention, inventions or improvements 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 said invention, inventions or improvements,

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 said invention, inventions or improvements.

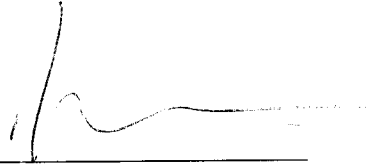
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its

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 said Inventors do hereby covenant and warrant that said Inventors 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 no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that each Inventor, his or her 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 to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.


IN WITNESS WHEREOF, I, SAAD BARGACH, have hereunto set my hand and seal this
1st day of January, 2003.




(signature of Inventor)

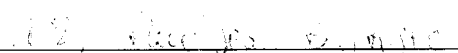
WITNESSED:

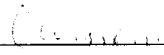
BE IT KNOWN that SAAD BARGACH is to me known to be the individual described in the foregoing assignment, that on this 1st day of January, 2003, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.




Witness

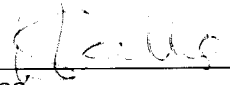




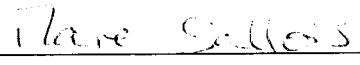


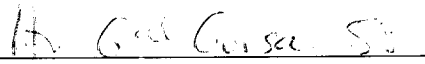


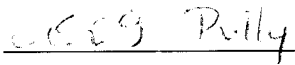
Post Office Address

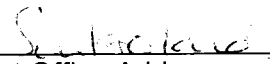


Witness









Post Office Address

IN WITNESS WHEREOF, I, JEAN-MICHEL HACHE, have hereunto set my hand and seal this
9th day of January, 2003.


JEAN-MICHEL HACHE

(L. S.)

State of Texas)

County of Fort Bend)

BEFORE ME this 9th day of January, 2003, personally appeared JEAN-MICHEL HACHE, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.


Notary Public

