



09-14-1998



100826972

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

1. NAME OF CONVEYING PARTY(IES):Klaus B. Huber
A. Glen Edwards
James W. Babineau

8-28-98

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):Schlumberger Technology Corporation
P. O. Box 2175
Houston, Texas 77252-2175Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478

No additional names attached

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT

EXECUTION DATE: May 20, 1998, August 20, 1998 and August 24, 1998

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

If this document is being filed with a new application, the execution date of the application is: _____.

A. PATENT APPLICATION NO. 09/089,647

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 77583-159009/04/1998 MAIL ROOM 00000042 500457 09049647
02 FC:581 40.00 CH**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.

Gordon G. Waggett

(Signature)

Reg. 34,476

24 August 1998

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

ASSIGNMENT

WHEREAS, We, Klaus B. Huber, citizen of the United States of America, whose post office address is 1403 Sugar Creek Boulevard, Sugar Land, Texas 77448, A. Glen Edwards, citizen of the United States of America, whose post office address is 29123 Mahon Road, Hockley, Texas 77447, and James W. Babineau, citizen of the United States of America whose post office address is 24 Elliot Terrace, Newton, Massachusetts 02164, hereinafter referred to as the "Inventors", have made inventions and improvements in: PRESSURE-ACTUATED CIRCULATION VALVE which are the subject of an application for Letters Patent of the United States of America, executed by us on the _____ day of 5/20, 8/20, 8/24, 1998 (Docket No. 22.1275), 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 110 Schlumberger Drive, Sugar Land, Texas 77478 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).

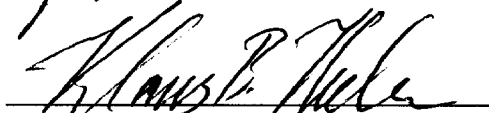
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

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.

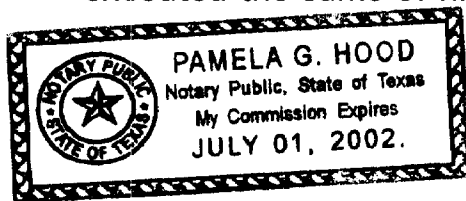
AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver 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, Klaus B. Huber have hereunto set my hand and seal this 24 day of August, 1998.


Klaus B. Huber

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, this 24th day of August, 1998 personally appeared Klaus B. Huber 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.



SEAL


Notary Public in and for the State of Texas

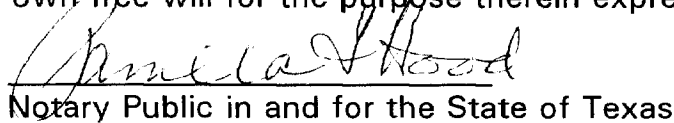
My Commission Expires: 7-1-2002

IN WITNESS WHEREOF, I, A. Glen Edwards have hereunto set my hand and seal this 20th day of August, 1998.

A. Glen Edwards

[illegible]

BEFORE ME, this 20th day of August, 1998 personally appeared A. Glen Edwards 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.



My Commission Expires: 7/1/2002

IN WITNESS WHEREOF, I, James W. Babineau have hereunto set my hand
and seal this 20th day of May, 1998.

James W. Babineau

COMMONWEALTH OF MASSACHUSETTS §
§
COUNTY OF Suffolk §

BEFORE ME, this 20th day of May, 1998 personally appeared James W. Babineau 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 in and for the Commonwealth of
Massachusetts

My Commission Expires: May 29, 2003

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