


RECORDATION FORM COVER SHEET  
PATENTS ONLY

JCS30 U.S. PTO  
09/301961  
04/29/99

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

1. NAME OF CONVEYING PARTY(IES):  
  
Anthony P. Peirce  
Eduard Siebrits  
  
No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):  
  
Schlumberger Technology Corporation  
110 Schlumberger Drive  
Sugar Land, Texas 77478  
  
05-10-1999  
  
101033054  
No additional names & addresses attached

3. NATURE OF CONVEYANCE:  
  
ASSIGNMENT  
EXECUTION DATE: April 20, 1999 and April 16, 1999, respectively  
  
**09301961**

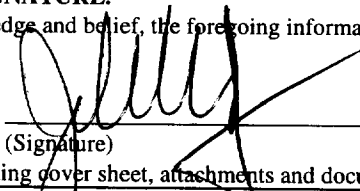
4. APPLICATION NUMBER(S) OR PATENT NUMBER(S): **MRD 4.29.99**  
  
If this document is being filed with a new application, the execution date of the application is: April 20, 1999 and April 16, 1999, respectively.  
  
A. PATENT APPLICATION NO.(s) FILED HEREWITH  
B. PATENT NO.(s)  
  
NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:  
  
John E. Vick, Jr.  
Dowell Division  
Schlumberger Technology Corporation  
110 Schlumberger Drive  
Sugar Land, Texas 77478

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. (04-1579(56.0468)  
(a duplicate of this page is attached)

05/10/1999 JSHABAZZ 00000014 041579 09301961  
01 FC:501 40.00 CH

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.  
  
  
(Signature)  
  
4/29/99  
(Date)  
  
Total number of pages including cover sheet, attachments and document: 4

# ASSIGNMENT

WHEREAS, we,

**Anthony P. Peirce**, a citizen of Canada, whose post office address is 4563 Langara Ave., Vancouver, BC, V6R1C9, Canada, and

**Eduard Siebrits**, a citizen of South Africa, whose post office address is 10502 Fountain Lake Drive #935, Stafford, Texas 77477, U.S.A.

hereinafter referred to as the "Inventor" has invented certain new and useful improvements in

## **METHOD AND APPARATUS FOR HYDRAULIC FRACTURING ANALYSIS AND DESIGN**

for which I have described and set forth in an application for Letters Patent of the United States of America, which is being filed concurrently herewith as attorney docket number 56.0468.

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 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 I the Inventor, for good and valuable considerations, the receipt and sufficiency of which I 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, 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,

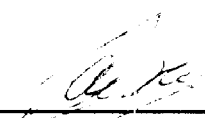
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

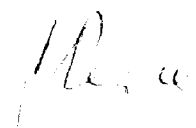
AND WE DO HEREBY AUTHORIZE AND REQUEST the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND WE DO HEREBY COVENANT AND WARRANT that I 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 I 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, my executors or administrators, will 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.

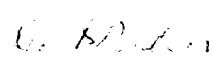
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 20 APRIL day of 1999, 1999.

  
\_\_\_\_\_  
**Anthony P. Peirce**

Witnesses: 

Name: MR D M PEIRCE  
Address: 600 HIGHLAND AVE.  
OTTAWA, ONTARIO, K2A 2K3  
CANADA

Date: 20 APRIL 1999

  
Name: DR RONALD NORTON  
Address: 4503 LANORA AVE  
VANCOUVER, BC, V6K 1G9

Date: 20 APRIL 1999

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 16<sup>th</sup> day  
of April, 1999.

  
\_\_\_\_\_  
**Eduard Siebrits**

STATE OF TEXAS

§  
§  
§

COUNTY OF FORT BEND

BEFORE ME, the undersigned authority, on this day personally appeared  
**Eduard Siebrits**, 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 16<sup>th</sup> day of April, 1999.

  
\_\_\_\_\_  
Notary Public

[Seal]

