

04-24-2001

4/6/01



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RECORDATION FOR PATENTS ONLY

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

1. NAME OF CONVEYING PARTY(IES):

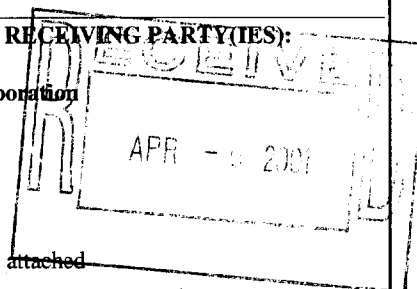
Zheng, Shunfeng
Jeffryes, Benjamin P.
Thomeer, Hubertus V.
Leising, Lawrence J.

No additional names attached

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

Schlumberger Technology Corporation
300 Schlumberger
Sugar Land, Texas 77478

No additional names & addresses attached



3. NATURE OF CONVEYANCE:

ASSIGNMENT EXECUTION DATE: 2/26/01; 2/28/01

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: 3/1/2001

A. PATENT APPLICATION NO.(s) 09/797,157

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.

Tim Curington, Reg. No. 45,944 (Signature)

4/3/01

(Date)

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

ASSIGNMENT

WHEREAS, We, Shunfeng Zheng, a citizen of the Peoples Republic of China, residing at 8923 San Patrico Court, Houston, TX 77064; Benjamin P. Jeffryes, a citizen of the United States of America, residing at 20 Station Rd., Histon, Cambs, UK, CB49LQ; Hubertus V. Thomeer, a citizen of the United States of America, residing at 1232 Mickey Way, Houston, TX 77055; and Lawrence J. Leising, a citizen of the United States of America, residing at 2711 Grants Lake Blvd., #141, Sugar Land, TX 77479, hereinafter referred to as the "Inventors", have made inventions and improvements in: *Method and Apparatus to Vibrate a Downhole Component* 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. 22.1427), 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 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.

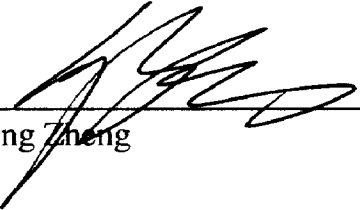
AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

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, Shunfeng Zheng have hereunto set my hand and seal this

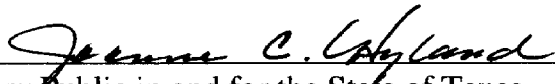
2/26/2001, 2001.



Shunfeng Zheng

STATE OF TEXAS §
 §
COUNTY OF BRAZORIA §

BEFORE ME, this February 26, 2001 personally appeared Shunfeng Zhang, 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 State of Texas

SEAL

My Commission Expires: 5/27/03



IN WITNESS WHEREOF, I the Inventor, have hereunto set my hand and seal.

28 Feb 2001

Date

[Signature]

Benjamin P. Jeffryes

WITNESSED:

BE IT KNOWN, that Benjamin P. Jeffryes, is to me known to be the individual described in the foregoing assignment, that on this 28 day of February, 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.

[Signature]

Witness

2 MORLEY COURT
BALDOCK WAY
CAMBRIDGE
CB1 7UW

Post Office Address

[Signature]

Witness

4 GIRTOWN ROAD
CAMBRIDGE
ENGLAND CB3 0LJ

Post Office Address

IN WITNESS WHEREOF, I, Hubertus V. Thomeer have hereunto set my hand and seal this

February 26th, 2001.

Hubertus V. Thomeer

Hubertus V. Thomeer

STATE OF TEXAS §
 §
COUNTY OF BRAZORIA §

BEFORE ME, this February 26, 2001 personally appeared Hubertus V. Thomeer, 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.

Jeanne C. England
Notary Public in and for the State of Texas

My Commission Expires: 5/2003

SEAL



IN WITNESS WHEREOF, I, Lawrence J. Leising have hereunto set my hand and seal this

2/26, 2001.

Lawrence J. Leising
Lawrence J. Leising

STATE OF TEXAS §
 §
COUNTY OF BRAZORIA §

BEFORE ME, this February 26, 2001 personally appeared Lawrence J. Leising, 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.

Jeanne C. Gayland
Notary Public in and for the State of Texas

SEAL

My Commission Expires: 5/27/03

