

11-04-2003



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To the Assistant Commissioner for Patents: Please record the attached original documents or copy the 2003 OCT 31 PM 4:02

1. NAME OF CONVEYING PARTY(IES):

Emmanuel Rioufol
Philippe Gambier
Eric Veignat
Ian Raw
Ian David Bryant

No additional names attached

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

Schlumberger Technology Corporation
P.O. Box 2175
Houston, Texas 77252-2175

Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT EXECUTION DATE: June 30, 2003; June 26, 2003; June 16, 2003; October 20, 2003; October 27, 2003

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.(s) 10/250,517

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:

Schlumberger Technology Corporation
Attn: Patent Counsel
P. O. Box 2175
Houston, Texas 77252-2175

Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478

Our Customer Service No. is 23718.

6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1.7. TOTAL FEE (37 CFR.3.41) \$40.00

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 50-2183
(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.

J.L. Jennie Salazar

(Signature)

(Date)

10/28/03

Total number of pages including cover sheet, attachments and document: 7

11/03/2003 BYRME 00000005 502183 10250517

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PATENT
REEL: 014645 FRAME: 0681

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

1. **RIOUFOL Emmanuel**, C/O Schlumberger Reservoir Completions P.O. Box 1590, Rosharon TX 77583-1590, USA
2. **GAMBIER Philippe**, C/O Schlumberger Reservoir Completions P.O. Box 1590, Rosharon TX 77583-1590, USA
3. **VEIGNAT Eric**, C/O Cables Vector SA , Z.I route de Vauchelles, 80100 Abbeville, FRANCE
4. **RAW Ian**, Bjornstjerne Bjornsonsgt 3, 4021 Stavanger Norway
5. **BRYANT Ian David**, Schlumberger Oilfield Services, 200 Gillingham Lane, Sugar Land, TX 77478 USA

have invented certain new and useful improvements in

CENTRALIZER INCLUDING MEASUREMENT MEANS

as described and set forth in U.S. Application filed July 3, 2003 as Serial No. 10/250,517.

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,

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, **RIOUFOL Emmanuel** have hereunto set my hand and seal on June 30, 2003.



Inventor's Name: **RIOUFOL Emmanuel**

WITNESSED:

BE IT KNOWN that **RIOUFOL Emmanuel** is to me known to be the individual described in the foregoing assignment, that on June 30, 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 (Signature)	Witness (Signature)
<i>Joanne C. Hyland</i>	<i>Rhonda J. Smith</i>
Name	Name
<i>Joanne C. Hyland</i>	<i>Rhonda J. Smith</i>
Address	Address
<i>7614 Braes Glen</i>	<i>5401 Chimney Rock #604</i>
<i>Houston, Tx 77071</i>	<i>Houston, TX 77081</i>
<i>U.S.A.</i>	<i>U.S.A.</i>

IN WITNESS WHEREOF, I, **GAMBIER Philippe**, have hereunto set my hand and seal on
26 June, 2003.



Inventor's Name: **GAMBIER Philippe**

WITNESSED:

BE IT KNOWN that **GAMBIER Philippe** is to me known to be the individual described in the foregoing assignment, that on 26 June, 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 (Signature) <i>Rhonda J. Smith</i>	Witness (Signature) <i>Cherita Persons-Grimstead</i>
Name <i>Rhonda J. Smith</i>	Name <i>Cherita Persons-Grimstead</i>
Address <i>5401 Chimney Rock #604</i>	Address <i>3827 Pecan Valley Dr.</i>
<i>Houston, TX 77081</i>	<i>Missouri City, TX 77459</i>
<i>U.S.A.</i>	<i>United States of America</i>

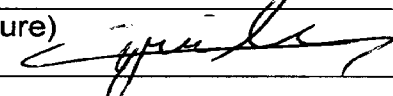
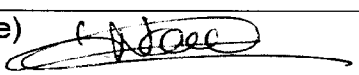
IN WITNESS WHEREOF, I, **VEIGNAT Eric**, have hereunto set my hand and seal on
June 16, 2003.



Inventor's Name: **VEIGNAT Eric**

WITNESSED:

BE IT KNOWN that **VEIGNAT Eric** is to me known to be the individual described in the foregoing assignment, that on June 16, 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 (Signature) 	Witness (Signature) 
Name <u>Laurent COUVILLIEAU</u>	Name <u>Julie NEFF</u>
Address <u>6 rue Kintzabell</u>	Address <u>61, rue de la hameeie</u>
<u>80470 Savense</u>	<u>80100 ARBEVILLE</u>
<u>FRANCE</u>	<u>FRANCE</u>

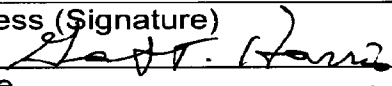
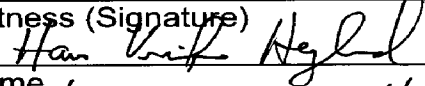
IN WITNESS WHEREOF, I, **RAW Ian**, have hereunto set my hand and seal
on 20th OCTOBER, 2003.



Inventor's Name: **RAW Ian**

WITNESSED:

BE IT KNOWN that **RAW Ian** is to me known to be the individual described in the foregoing assignment, that on 20th OCTOBER, 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 (Signature) 	Witness (Signature) 
Name GRANT T. HARRIS	Name HANS KRISTIAN HEGLAND
Address SPRØJØVEGEN 4	Address FROASTØLVØEN 30
4052 RØYNEBERG	4027 STAVANGER
NORWAY	NORWAY

IN WITNESS WHEREOF, I, **BRYANT Ian David**, have hereunto set my hand and seal
on 27th October, 2003.



Inventor's Name: **BRYANT Ian David**

(L. S.)

State of Texas)

County of Fort Bend)

BEFORE ME this 27th day of October, 2003, personally appeared **BRYANT Ian David**, 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.

Kerry Caldwell Morris
Notary Public

