

01-27-2005



102927482

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

1. NAME OF CONVEYING PARTY(IES):Peter T. Wu
Jahir Pabon

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):Schlumberger Technology Corporation
110 Schlumberger Drive
Sugar Land, Texas 77478 USAStreet Address: 110 Schlumberger Drive
Sugar Land, Texas 77478 USA

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT EXECUTION DATE(s): 12/08/04 & 12/09/04

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) **11/007,402**

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:Schlumberger Technology Corporation
Attn: Patent Counsel
200 Gillingham Lane
Sugar Land, TX 77478Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478 USAOUR CUSTOMER SERVICE NUMBER IS:
23718**6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1****7. TOTAL FEE (37 CFR.3.41) \$40.00**
CHARGE FEE AND ANY RELATED COSTS
TO DEPOSIT ACCOUNT**8. DEPOSIT ACCOUNT NO. 190610**
(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.

Victor H. Segura

(Signature)

(Date)

Total number of pages including cover sheet, attachments and document: 6

01/26/2005 ECOOPER 00000284 190610 11007402

01 FC:8021

40.00 DA

Schlumberger Private

OFFICE OF PATENT RECORDS
 2005 JAN 24 PM 3:00
 FINANCE SECTION

ASSIGNMENT

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

Peter T. Wu, citizen of the USA, whose post office address is 1623 Creekside Drive, Sugar Land, TX 77478 USA

Jahir Pabon, citizen of the USA, whose post office address is 10 Wildon Road, Wellesley, MA 02482 USA

Has/have invented certain new and useful improvements in

METHODS AND SYSTEMS FOR ACOUSTIC WAVEFORM PROCESSING

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 8TH & 9TH day(s) of December, 2004 (24.0925).

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

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their 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 as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned 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 COMPANIES, their 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.

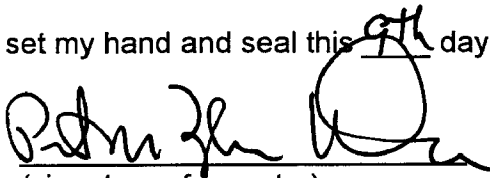
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their 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 COMPANIES, their 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 COMPANIES, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANIES, their 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, Peter T. Wu, have hereunto set my hand and seal this 9th day of Dec., 2004.

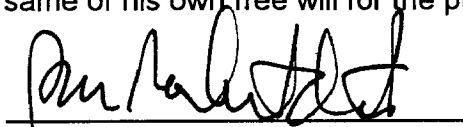

(signature of inventor)

(L. S.)

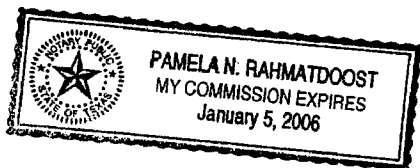
State of Texas)

County of Fort Bend

BEFORE ME this 9th day of December, 2004, personally appeared Peter T. Wu, 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

SEAL



IN WITNESS WHEREOF, I, **Jahir Pabon**, have hereunto set my hand and seal this 8th day of December, 2009.

[Signature]
(signature of Inventor)

(L. S.)
~~Commonwealth~~ Massachusetts
State of
County of Middlesex

BEFORE ME this 8th day of December, 2009, personally appeared Jahir Pabon, 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.

[Signature]
Notary Public

Carol Judith Venitt
Notary Public, Massachusetts
My Commission Expires January 12, 2010

SEAL

SCHEDULE A
"COMPANIES"

PRAD RESEARCH AND DEVELOPMENT N.V.

Corporation of: the Netherlands Antilles

Located at: De Ruyterkade 62, Willemstad, Curacao, Netherlands Antilles

Assignee for applications in: Algeria, Angola, Bangladesh, Bolivia, Cameroon, Chad, Congo, Czech Republic, Ecuador, Equatorial Guinea, Gabon, India, Ivory Coast, Libya, Lithuania, Morocco, Namibia, Niger, Nigeria, Papua New Guinea, Taiwan, Tunisia, Vietnam

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: the Netherlands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Great Britain, Japan, Malaysia, The Netherlands

SCHLUMBERGER OILFIELD ASSISTANCE LIMITED

Corporation of: the British Virgin Islands

Located at: Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Bahrain, Iran, Iraq, Jordan, Kuwait, Oman, Qatar, Somalia, Sudan, Syria, Turkey, Yemen, United Arab Emirates

SCHLUMBERGER OVERSEAS S.A.

Corporation of: the Republic of Panama

Located at: 8 Calle Aquilino de la Guardia, Panama City, Republic of Panama

Assignee for applications in: China

SCHLUMBERGER SEACO INC.

Corporation of: the Republic of Panama

Located at: 8 Calle Aquilino de la Guardia, Panama City, Republic of Panama

Assignee for applications in: Egypt

SCHLUMBERGER SERVICES LIMITED

Corporation of: the British Virgin Islands

Located at: PO Box 438, Tortola, BVI

Assignee for applications in: Peru

SCHLUMBERGER SURENCO S.A.

Corporation of: the Republic of Panama

Located at: 8 Calle Aquilino de la Guardia, Panama City, Republic of Panama

Assignee for applications in: Brazil, Chile

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

Located at: 110 Schlumberger Drive, Sugar Land, TX 77478 US

Assignee for applications in: USA

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89m 2514 JG The Hague, The Netherlands

Assignee for applications in: Argentina, Australia, Austria, Azerbaijan, Belgium, Brunei, Colombia, Croatia, Denmark, Germany, Indonesia, Ireland, Italy, Kazakhstan, Korea, Mexico, Myanmar, New Zealand, Norway, Philippines, Poland, Romania, Russia, Sakhalin, Slovakia, South Africa, Spain, Thailand, Turkmenistan, Ukraine, Venezuela

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France

SERVICIOS DE PERFILAJES ELECTRONICOS. S.A.

PATENT

REEL: 016179 FRAME: 0650

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Assignee for applications in: France

SERVICIOS DE PERFILAJES ELECTRONICOS, S.A.

Corporation of: the British Virgin Islands

Located at: Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: The Neutral Zone, Saudi Arabia