

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DZEVAT OMERAGIC	09/26/2008
TAREK M. HABASHY	09/30/2008
VALERY POLYAKOV	09/29/2008
RAYMOND KOCIAN	10/06/2008
YONG-HUA CHEN	09/29/2008
SOFIA DAVYDYCHEVA	10/03/2008
RAPHAEL ALTMAN	10/13/2008
CARLOS MAESO	11/12/2008
DOUGLAS HUPP	10/01/2008

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	110 Schlumberger Drive
City:	Sugar Land
State/Country:	TEXAS
Postal Code:	77478

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0875568

CORRESPONDENCE DATA

Fax Number: (281)285-8821

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2812858500

Email: prahmatdoost@slb.com

Correspondent Name: Schlumberger Technology Corporation

Address Line 1: 200 Gillingham Lane, MD 200-9

Address Line 2: Office of IP Counsel

PATENT

500708133

REEL: 021853 FRAME: 0939

CH \$40.00 US0875568

Address Line 4: Sugar Land, TEXAS 77478

ATTORNEY DOCKET NUMBER:

24.1004

NAME OF SUBMITTER:

BRYAN L. WHITE

Total Attachments: 12

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ASSIGNMENT

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

Dzevat Omeragic, citizen of Canada, whose post office address is 87 Kendall Road, Lexington, MA 02421 USA

Tarek M. Habashy, citizen of the U.S.A., whose post office address is 2 Kelly Farm Way, Burlington, MA 01803 USA

Valery Polyakov, citizen of the U.S.A., whose post office address is 128 Sewall Avenue # C, Brookline, MA 02446 USA

Raymond Kocian, citizen of the U.S.A., whose post office address is 931 Scherer Way, Osprey, FL 34229 USA

Yong-Hua Chen, citizen of China, whose post office address is 23 Long Avenue, Belmont, MA 02478 USA

Sofia Davydycheva, citizen of Russia, whose post office address is 4723 Castlewood, Sugar Land, Texas 77479 USA

Raphael Altman, citizen of Great Britain, whose post office address is Av Prefeito Aristeu F.Silva #702A, Macae, RJ 27930 Brazil

Carlos Maeso, citizen of Great Britain, whose post office address is No. 8 Jalan Perak 50450 Kuala Lumpur, MY

Douglas Hupp, citizen of the U.S.A., whose post office address is 11920 Steeple Chase Circle, Anchorage, AK 99515 USA

Has/have invented certain new and useful improvements in

FORMATION MODELING WHILE DRILLING FOR ENHANCED HIGH ANGLE OR HORIZONTAL WELL PLACEMENT

as described and set forth in an application for Letters Patent of the United States of America, filed on the 8th day of September, 2008 (24.1004 WO).

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; 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.

SCHEDULE A
"COMPANIES"

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

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

Assignee for applications in: Canada

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

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

Assignee for applications in: USA

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

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

Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands

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

Assignee for applications in: Japan, the Netherlands, Saudi Arabia, United Kingdom

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

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

Assignee for applications in: Albania, Argentina, Australia, Azarbaijan, Brunei, Bulgaria, Colombia, Czech Republic, Denmark, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

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

Assignee for applications in: the GCC Patent Office and Countries not Otherwise Listed

IN WITNESS WHEREOF, I, Dzevat Omeragic, have hereunto set my hand and seal this 26th day of September, 2008.

Dzevat Omeragic
(signature of Inventor)

(L. S.)

State of ~~Texas~~ Commonwealth of Massachusetts

County of ~~Fort Bend~~ Middlesex

BEFORE ME this 26 day of September, 2008, personally appeared Dzevat Omeragic, 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.

Barbara Kilfoyle
Notary Public

SEAL



Barbara Kilfoyle
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 20, 2014

IN WITNESS WHEREOF, I, Tarek M. Habashy, have hereunto set my hand and seal this 30th day of September, 2008.

Tarek M. Habashy
(signature of Inventor)

(L. S.)

State of Texas Commonwealth of Massachusetts

County of Fort Bend Middlesex

BEFORE ME this 30th day of September, 2008, personally appeared Tarek M. Habashy, 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.

Barbara Kilfoyle
Notary Public

SEAL



Barbara Kilfoyle
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 20, 2014

IN WITNESS WHEREOF, I, **Valery Polyakov**, have hereunto set my hand and seal this 29 day of September, 2008.

Valery Polyakov
(signature of Inventor)

(L. S.)

~~State of Texas~~ Commonwealth of MA

County of ~~Fort Bend~~ Middlesex

BEFORE ME this 29 day of September, 2008, personally appeared **Valery Polyakov**, 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.

Barbara Kilfoyle
Notary Public

SEAL



Barbara Kilfoyle
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 20, 2014

IN WITNESS WHEREOF, I, **Raymond Kocian**, have hereunto set my hand and seal this 6 day of Oct, 2008.

Raymond Kocian
(signature of Inventor)

(L. S.)

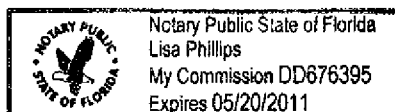
State of FLORIDA
~~Texas~~

County of SARASOTA
~~Fort Bend~~

BEFORE ME this 6 day of OCTOBER, 2008, personally appeared **Raymond Kocian**, 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.

Lisa Phillips
Notary Public

SEAL



IN WITNESS WHEREOF, I, **Young-Hua Chen**, have hereunto set my hand and seal this 29th day of September, 2008.

Young-Hua Chen
(signature of Inventor)

(L. S.)

State of ~~Texas~~ Commonwealth of Massachusetts

County of ~~Fort Bend~~ Middlesex

BEFORE ME this 29 day of September, 2008, personally appeared **Young-Hua Chen**, 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.

Barbara Kilfoyle
Notary Public

SEAL



Barbara Kilfoyle
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 20, 2014

IN WITNESS WHEREOF, I, Sofia Davydycheva, have hereunto set my hand and seal this 3 day of October, 2008.

Davydycheva
(signature of Inventor)

(L. S.)

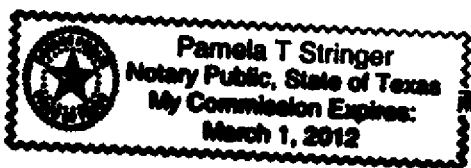
State of Texas)

County of Fort Bend)

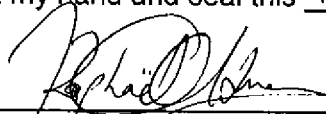
BEFORE ME this 3rd day of October, 2008, personally appeared Sofia Davydycheva, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Pamela T Stringer
Notary Public

SEAL



IN WITNESS WHEREOF, I, **Raphael Altman**, have hereunto set my hand and seal this 13 day of OCTOBER, 2008.



(signature of Inventor)

(L. S.)

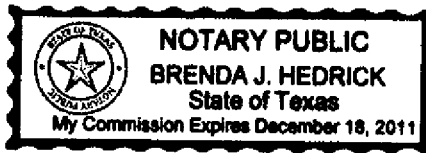
State of Texas)

County of ~~Fort Bend~~ Brazos

BEFORE ME this 13 day of October, 2008, personally appeared **Raphael Altman**, 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

S E A L



IN WITNESS WHEREOF, I, **Carlos Maeso**, have hereunto set my hand and seal this 12th day of November, 2008.

Carlos Maeso
(signature of Inventor)

WITNESSED:

BE IT KNOWN that **Carlos Maeso** is to me known to be the individual described in the foregoing assignment, that on this 12 day of NOVEMBER, 2008, 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.

Inmyran Dora
Witness

16th floor East Wing
Rohas Perkasa

no 8, Jalan Perak
50470 Kuala Lumpur, Malaysia.

Post Office Address

Graeme Dawson
Witness GRAEME DAWSON

16th FLOOR, ROHAS PERKASA
8 JALAN PERAK

50470 KUALA LUMPUR
MALAYSIA

Post Office Address

IN WITNESS WHEREOF, I, **Douglas Hupp**, have hereunto set my hand and seal this 01 day of OCTOBER, 2008.

Douglas Hupp
(signature of Inventor)

(L. S.)

State of Alaska
~~Texas~~
County of Anchorage
~~Fort Bend~~

BEFORE ME this 1 day of October, 2008, personally appeared **Douglas Hupp**, 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.

Toni Jean Stevens
Notary Public

SEAL

