

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN DYER	10/18/2011
ATHAR ALI	10/25/2011
FRANK F. CHANG	10/09/2011
XIANGDONG QIU	10/09/2011
KUO-CHIANG CHEN	10/14/2011
RECEIVING PARTY DATA	
Name:	SCHLUMBERGER TECHNOLOGY CORPORATION
Street Address:	300 SCHLUMBERGER DRIVE
City:	SUGAR LAND
State/Country:	TEXAS
Postal Code:	77478
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13185957
CORRESPONDENCE DATA	
Fax Number:	(713)689-2219
Phone:	7136892273
Email:	qmarques@slb.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	SCHLUMBERGER TECHNOLOGY CORPORATION
Address Line 1:	10001 Richmond Avenue
Address Line 2:	IP Administration Center of Excellence
Address Line 4:	HOUSTON, TEXAS 77042
ATTORNEY DOCKET NUMBER:	90.0032 US NP
NAME OF SUBMITTER:	Bridget M. Laffey

CH \$40.00 13185957

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REEL: 027294 FRAME: 0807

Total Attachments: 8

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Assignment

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

Stephen Dyer, a citizen of the United Kingdom, residing at Ash 08 Al-Bostan, Oasis Gardens, Al-Khobar 31952, SA;

Athar Ali, a citizen of Pakistan, residing at Near Al-Mutlaq Compound, P.O. Box 2836, Al-Khobar 31952, SA;

Frank F. Chang, a citizen of the United States of America, residing at Al-Rushaid Village #1, Villa 227, Al-Khobar 31952, SA;

Xiangdong Qiu, a citizen of the United States of America, residing at Eurovillage Compound, Leliepad #5, P.O. Box 691, Dhahran, Airport, Dhahran 31932, SA; and

Kuo-Chiang Chen, a citizen of the United States of America, residing at 6811 Lavington Way, Sugar Land, Texas 77479, US.

Has/have invented certain new and useful improvements in

CHEMICALLY TARGETED CONTROL OF DOWNHOLE FLOW CONTROL DEVICES

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on July 19, 2011, Serial No. 13/185,957 (Docket No. 90.0032 US NP).

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.

WITNESSED:

IN WITNESS WHEREOF I, **Stephen Dyer**, have hereunto set my hand and seal this 18th day
of OCTOBER, 2011.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Stephen Dyer** is known to us to be the individual described
in this assignment, that on this 18th day of OCTOBER, 2011, we were personally
present and did see him/her sign and execute this assignment and that he/she acknowledged to us
that he/she executed the same as his/her free act and deed for the uses and purposes therein set
forth.


First Witness (Signature)

Mustafa Abbas

Nesma Village Villa #7 Al Quds St.

M-Khobar 31952 - KSA

Post Office Address


Second Witness (Signature)

METIN KARAKAS

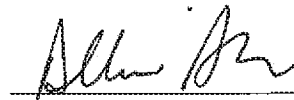
NESMA VILLAGE Villa #15, Al Quds St.

AL-KHOBAR 31952 KSA

Post Office Address

WITNESSED:

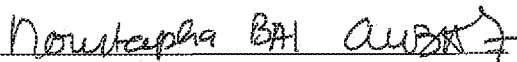
IN WITNESS WHEREOF I, **Athar Ali**, have hereunto set my hand and seal this 25th day of OCTOBER, 2011.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Athar Ali** is known to us to be the individual described in this assignment, that on this 25 day of October, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.


First Witness (Signature)


Second Witness (Signature)

SCHLUMBERGER SA. Ltd.

Schlumberger SA. LTD

P.O. Box 2847 AL-Khobar 31952

P.O. Box 2847 Al. Khobar 31925

KSA

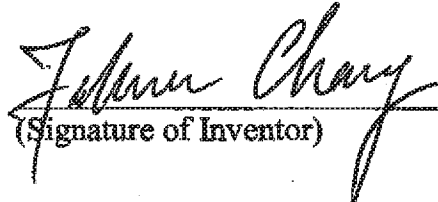
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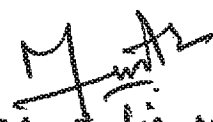
WITNESSED:

IN WITNESS WHEREOF I, Frank F. Chang, have hereunto set my hand and seal this
9th day of October, 2011.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that Frank F. Chang is known to us to be the individual described in this assignment, that on this 9th day of October, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.


Abdul Muqtadir Mohammed
First Witness (Signature)


ALEXANDER THOMAS
Second Witness (Signature)

P.O. Box 2836

P. Box 2836

AL-Khobar 31952

AL-KHOBAR 31952

Saudi Arabia

SAUDI ARABIA

Post Office Address

Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, Xiangdong Qiu, have hereunto set my hand and seal this
9th day of October, 2011.

Xiangdong Qiu
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that Xiangdong Qiu is known to us to be the individual described in this assignment, that on this 9 day of October, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

[Signature]
First Witness (Signature)

[Signature]
Second Witness (Signature)

SDCR

SDCR

P.O. Box 39011

P.O. Box 39011

Dammam Doha Camp

Dammam Doha Camp

Post Office Address

31942

KSA

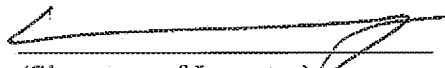
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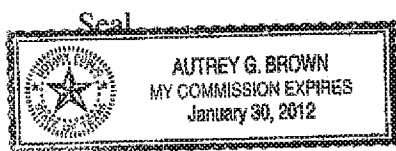
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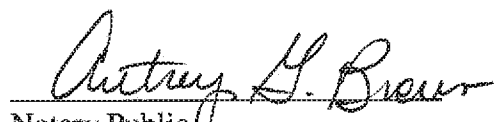
IN WITNESS WHEREOF I, **Kuo-Chiang Chen**, have hereunto set my hand and seal this
14 day of October, 2011.


(Signature of Inventor)

STATE OF)
COUNTY OF)

On this 14 day of October, 2011, before me, the undersigned
Notary Public, personally appeared, **Kuo-Chiang Chen**, proved to me through satisfactory
evidence of identification, which were Texas Drivers License, to be the
person who signed the preceding or attached document in my presence, and who swore or
affirmed to me that the contents of the document are truthful and accurate to the best of his/her
knowledge and belief.




Notary Public

Schedule A

“COMPANIES”***SCHLUMBERGER CANADA LIMITED***Corporation of: CanadaLocated at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4Assignee for applications in: Canada***SCHLUMBERGER TECHNOLOGY CORPORATION***Corporation of: USALocated at: One Hampshire Street, Cambridge, MA 02139Assignee for applications in: USA***SERVICES PETROLIERS SCHLUMBERGER***Corporation of: FranceLocated at: 42 rue Saint Dominique, 75007 Paris, FRAssignee for applications in: France***SCHLUMBERGER HOLDINGS LIMITED***Corporation of: British Virgin IslandsLocated at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVIAssignee for applications in: Japan, the Netherlands, Saudi Arabia, United Kingdom***SCHLUMBERGER TECHNOLOGY B.V.***Corporation of: the NetherlandsLocated at: Parkstraat 83-89, 2514 JG The Hague, The NetherlandsAssignee 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 IslandsLocated at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVIAssignee for applications in: Countries not Otherwise Listed