### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
VERONICA GUTIERREZ RUIZ	06/08/2010
JUAN JOSE QUIJANO VELASCO	05/20/2010
NICOLAS AMERICO GOMEZ BUSTAMANTE	05/24/2010

### 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:	12782984

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	94.0263
NAME OF SUBMITTER:	Cuong L. Nguyen

Total Attachments: 6

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## Assignment

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

**VERONICA GUTIERREZ RUIZ**, a citizen of Mexico, residing at Los Mezquites # 115 Fracc. Los Mezquites Col. Ixtacomitan 1a Seccion, Villahermosa, Tab. Mexico C.P. 86143;

JUAN JOSE QUIJANO VELASCO, a citizen of Mexico, residing at Av Dos Flamboyants 1020/706 (Condominio Pennisula), Barra Da Tijuca, Rio de Janerio Brazil 22776-070;

And

NICOLAS AMERICO GOMEZ BUSTAMANTE, a citizen of Chile, residing at 107, Av Justo Sierra, Col. Lomas de Holche, Ciudad del Carmen, Campeche Mexico 24167;

Has/have invented certain new and useful improvements in

## SYSTEM AND METHOD FOR SIMULATING OILFIELD OPERATIONS

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 May 19, 2010, Serial No.12/782,984, (Docket No. 94.0263).

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, 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, VERONICA GUTIE and seal this 8th day of 1000	ERREZ RUIZ, have hereunto set my hand , 2010.  (signature of Inventor)
BE IT KNOWN that VERONICA GUTIERREZ described in the foregoing assignment, that on this I was personally present and did see him sign and ex did acknowledge to me that he executed the same purposes therein set forth.	$\frac{8^{14}}{2010}$ day of $\frac{100}{2010}$ , 2010, ecute the foregoing assignment; and, that he
	Ab.
Witness Signature	Witness Signature
DIVIMA DEL O. QUIZ CABRERA Printed Name	Sergio Calles Valadei Printed Name
OTOMIES # 182 COL. PEHEX CP 96690	Paso del Marqués #36 Purta Real CP 86039
AGUA DULCE, UER MEXICO Post Office Address	Villahermosa, Tab, Mex Post Office Address

IN WITNESS WHEREOF I, JUAN JOSE QUIJANO and seal this 20 th day of 49	VELASCO, have hereunto set my hand
	Julian José
	(signature of Inventor)
BE IT KNOWN that JUAN JOSE QUIJANO VELAS described in the foregoing assignment, that on this 2014	
I was personally present and did see him sign and execut did acknowledge to me that he executed the same as purposes therein set forth.	e the foregoing assignment; and, that he
1/1/1 (	All mill
Witness Signature	Witness Signature
Yves Jean HAMARD Printed Name	Rosenno Lamoserrivi Printed Name
Av. das Americas 1650	N. DAS AMERICAS 1650
Bloco 3. Barra da Tipira	BLOCO 3. BARUA DA THOCA
22640-101 Riode Janeiro, \$5	22640-101-RION-JANEMO-BRAGIC
Post Office Address	Post Office Address

IN WITNESS WHEREOF I, NICOLAS AMERIC hereunto set my hand and seal this 24 th day of	CO GOMEZ BUSTAMANTE, have
	4469
	(signature of Inventor)
BE IT KNOWN that <b>NICOLAS AMERICO GOMEZ</b> the individual described in the foregoing assign . 2010, I was personally present foregoing assignment; and, that he did acknowledge to act and deed for the uses and purposes therein set forth.	ment, that on this $\frac{2q+h}{2}$ day of and did see him sign and execute the
Witness Signature	Witness Signature
Fabiola Olivos	RODOCFO J. CARVAJAL
Printed Name	Printed Name
Livorno No. 37	Residencine Pervanens
Fracc. Villaflorencia c.p. 24150	CALLE SAWIM CRISTINA #5.
Co del Carmen, Campeche México	Co. Dea Cheney Converse. Mexico
Post Office Address	Post Office Address

# Schedule A "COMPANIES"

**Schlumberger Technology Corporation**, a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 300 Schlumberger Drive, Sugar Land, Texas 77478 United States of America

as assignee for the United States

Schlumberger Canada Limited, a corporation duly organized, incorporated and existing under the laws of Canada and having a place of business at 525 – 3rd Ave. S.W., Calgary, Alberta, Canada T2P 0G4 as assignee for Canada

Services Petroliers Schlumberger, a corporation duly organized, incorporated and existing under the laws of France and having a place of business at 42, rue Saint Dominique, 75007 Paris, France as assignee for France

**Logined B.V.**, a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Gevers Deynootweg 61, 2586 BJ S Gravenhage, The Netherlands

as assignee for Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, Bahrain, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Eurasia, EPO, Faroe Islands, Gabon, Germany, Great Britain, Greece, Gulf Cooperation Council, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.

PRAD Research and Development Limited, a corporation organized and existing under and by the laws of the British Virgin Islands, having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

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as assignee for all other countries not designated above.