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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee information by adding second Assignee name previously recorded on Reel 019608 Frame 0497. Assignor(s) hereby confirms the assignment of Assignor's interest

CONVEYING PARTY DATA

Name	Execution Date
Arthur Hartog	08/23/2007
Kamal Kader	08/23/2007

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	300 Schlumberger Drive
City:	Sugar Land
State/Country:	TEXAS
Postal Code:	77478

Name:	BP Exploration Operating Company Limited	
Street Address:	Chertsey Road, Sunbury on Thames	
City:	Middlesex	
State/Country:	UNITED KINGDOM	
Postal Code:	TW16 7BP	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11766866

CORRESPONDENCE DATA

Fax Number: (281)285-5537

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

Phone: 281-285-6470
Email: vsolis2@slb.com
Correspondent Name: Virginia Solis
Address Line 1: 14910 Airline Road

Address Line 2: Bldg. 20

PATENT REEL: 019801 FRAME: 0966

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Address Line 4: Rosharon, TEXAS 77583		
ATTORNEY DOCKET NUMBER: 101.0215		
NAME OF SUBMITTER:	Dona C. Edwards	
Total Attachments: 7		
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PATENT REEL: 019801 FRAME: 0967



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PATENT ASSIGNMENT	
	-

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Arthur Hartog	06/20/2007
Kamal Kader	06/20/2007

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:	11766866

CORRESPONDENCE DATA

Fax Number:

Phone:

(281)285-5537

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

Email:

281-285-6470 vsolis2@slb.com

Correspondent Name: Address Line 1: Virginia Solis 14910 Airline Road

Address Line 2: Bldg. 20 Address Line 4: Rosharon, TEXAS 77583	
ATTORNEY DOCKET 101.0215	
NAME OF SUBMITTER:	Dona C. Edwards
Signature:	/Dona C. Edwards/
Date:	07/25/2007
Total Attachments: 5 source=101-0215_Assignment#page1.tif source=101-0215_Assignment#page2.tif source=101-0215_Assignment#page3.tif source=101-0215_Assignment#page4.tif source=101-0215_Assignment#page5.tif	
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Assignment

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

Arthur Hartog, a citizen of Canada, residing at Meadow Cottage, Martyr Worthy, Winchester SO21 1 DZ, UK;

and

Kamal Kader, a citizen of France, residing at 13 Pavilion Court, 74 Northlands Road, SO15 2NN Southampton, UK;

Has/have invented certain new and useful improvements in

CONTROLLING A DYNAMIC SIGNAL RANGE IN AN OPTICAL TIME DOMAIN REFLECTOMETRY SYSTEM

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 June 22, 2007, Serial No.11/766,866, (Docket No.101.0215).

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 bereby 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 assignce 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, Arthur Hartog, have hereunto set my hand and seal this 25' day of 12 years, 2007.

Arthur Hartog

BE IT KNOWN that Arthur Hartog is to me known to be the individual described in the foregoing assignment, that on this 23 day of account 2007, 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
87 Firgure Road
Freamade

Post Office Address

Witness

Flut 18, Quay 2000

10 Horseshoe Bridge

5017 2NP

Post Office Address

IN WITNESS WHEREOF I, Kamal F. 200	Kader, have hereunto set my hand and seal this of the control of t
foregoing assignment, that on this 23 to present and did see him sign and execute the	to me known to be the individual described in the day of <u>Quest</u> , 2007, I was personally be foregoing assignment; and, that he did acknowledge see act and deed for the uses and purposes therein set
Witness	Witness WOYAL PALLET
88 Prince of Wales Ave.	28 CARLTON ROAD
Southampton	SOUTHAMPTON
5015 464	<u> </u>
Post Office Address	Post Office Address

Schedule A "COMPANIES"

COMPANY 1

SCHLUMBERGER ENTITIES:

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America
Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.
Assignee for applications in: United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada <u>Located at:</u> 525-3rd Avenue S.W., Calgary, Alberta, Canada T2P 0G4 <u>Assignce for applications in:</u> Canada

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France
Located at: 42 rue Saint Dominique, 75007 Paris, France
Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: the Netherlands
Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands
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, Azerbaijan, Brunei, Bulgaria, Chad,
Colombia, Czech Republic, Denmark, Equatorial Guinea, Faroe Islands, Germany, Greece, Hungary,
Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, Myanmar,
New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South
Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: the Netherlands Antilles

Located at: Craigmuir Chambers, Road Town, Tortola, British Virgin Islands.

Assignee for applications in: Algeria, Angola, Brazil, China, Ecuador, Egypt, Eurasia, Gulf Cooperation Council, India, Nigeria, Singapore, Ukraine, United Arab Emirates, and Rest of World

COMPANY 2 BP ENTITY:

BP Exploration Operating Company Limited

RECORDED: 09/10/2007

Corporation of: England and Wales

Located at: Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP, United Kingdom

Assignee for applications: Worldwide

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PATENT REEL: 019801 FRAME: 0974