

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David Merlau</td><td>07/25/2008</td></tr><tr><td>Lang Zhan</td><td>07/22/2008</td></tr><tr><td>Dhandayuthapani Kannan</td><td>07/24/2008</td></tr><tr><td>Jim B. Benton</td><td>07/24/2008</td></tr></tbody></table>		Name	Execution Date	David Merlau	07/25/2008	Lang Zhan	07/22/2008	Dhandayuthapani Kannan	07/24/2008	Jim B. Benton	07/24/2008
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David Merlau	07/25/2008										
Lang Zhan	07/22/2008										
Dhandayuthapani Kannan	07/24/2008										
Jim B. Benton	07/24/2008										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12179978</td></tr></tbody></table>		Property Type	Number	Application Number:	12179978						
Property Type	Number										
Application Number:	12179978										
CORRESPONDENCE DATA											
Fax Number:	(281)285-5537										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Virginia Solis										
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ATTORNEY DOCKET NUMBER:	69.5741										
NAME OF SUBMITTER:	Kevin Brayton McGoff										
Total Attachments: 7 source=69-5741_Assignment#page1.tif											

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PATENT
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Assignment

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

David Merlau, a citizen of the United States of America, residing at 1509 Windsor Drive, Friendswood, TX 77546, U.S.A.;

Lang Zhan, a citizen of P. R. China, residing at 3307 Ridgepoint Court, Pearland, TX 77584, U.S.A.;

Dhandayuthapani Kannan, a citizen of the United States of America, residing at 3511 Velasco Court, Missouri City, TX 77459, U.S.A.;

and

Jim B. Benton, a citizen of the United States of America, residing at 35 Northwood Country Lane, Huffman, TX 77336, U.S.A.;

Has/have invented certain new and useful improvements in

A TOOL USING OUTPUTS OF SENSORS RESPONSIVE TO SIGNALING

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 25, 2008, Serial No.12/179978, (Docket No.69.5741).

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,

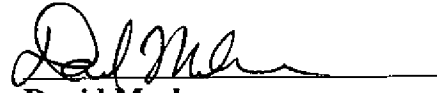
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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, **David Merlau**, have hereunto set my hand and seal this 25 day of July, 2008.

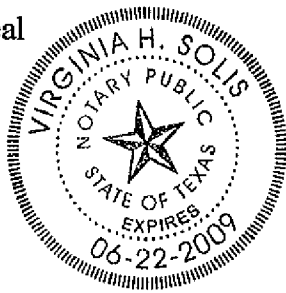

David Merlau

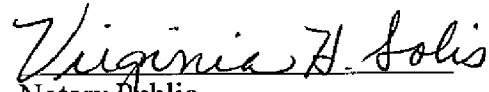
STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 25th day of July, 2008, personally appeared **David Merlau**, 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.

Seal





Notary Public

PATENT

REEL: 021297 FRAME: 0846

IN WITNESS WHEREOF I, **Lang Zhan**, have hereunto set my hand and seal this
22 day of July, 2008.



Lang Zhan

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 22 day of July, 2008, personally appeared **Lang Zhan**, 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.

Seal



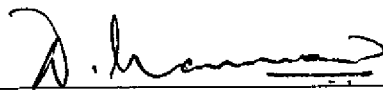


Notary Public

PATENT

REEL: 021297 FRAME: 0847

IN WITNESS WHEREOF I, **Dhandayuthapani Kannan**, have hereunto set my hand and seal
this 24 day of July, 2008.


Dhandayuthapani Kannan

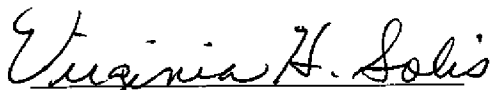
STATE OF TEXAS

COUNTY OF BRAZORIA

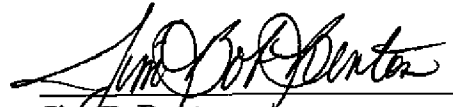
BEFORE ME this 24th day of July, 2008, personally appeared **Dhandayuthapani Kannan**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal




Notary Public

IN WITNESS WHEREOF I, **Jim B. Benton**, have hereunto set my hand and seal this 24 day of JULY, 2008.


Jim B. Benton

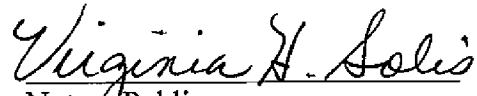
STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 24~~th~~ day of July, 2008, personally appeared **Jim B. Benton**, 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.

Seal




Notary Public

PATENT

REEL: 021297 FRAME: 0849

Schedule A “COMPANIES”

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

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

Assignee for applications in: 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