

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Alumbaugh</td> <td>06/29/2007</td> </tr> <tr> <td>Ping Zhang</td> <td>06/29/2007</td> </tr> <tr> <td>Edward Nichols</td> <td>08/03/2007</td> </tr> <tr> <td>Frank Morrison</td> <td>07/18/2007</td> </tr> <tr> <td>Aria Abubakar</td> <td>07/09/2007</td> </tr> <tr> <td>Tarek Habashy</td> <td>07/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	David Alumbaugh	06/29/2007	Ping Zhang	06/29/2007	Edward Nichols	08/03/2007	Frank Morrison	07/18/2007	Aria Abubakar	07/09/2007	Tarek Habashy	07/05/2007
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Aria Abubakar	07/09/2007														
Tarek Habashy	07/05/2007														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Schlumberger Technology Corporation														
<b>Street Address:</b>	110 Schlumberger Drive														
<b>City:</b>	Sugar Land														
<b>State/Country:</b>	TEXAS														
<b>Postal Code:</b>	77478														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11768975</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11768975										
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Application Number:	11768975														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(281)285-8821														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	2812858500														
<b>Email:</b>	kmorris2@slb.com														
<b>Correspondent Name:</b>	Schlumberger Technology Corporation														
<b>Address Line 1:</b>	110 Schlumberger Drive														
<b>Address Line 4:</b>	Sugar Land, TEXAS 77478														
<b>ATTORNEY DOCKET NUMBER:</b>	23.0666														
<b>NAME OF SUBMITTER:</b>	Matthias Abrell														

**CH \$40.00 11768975**

**Total Attachments: 9**

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## ASSIGNMENT

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

**David Alumbaugh**, citizen of the USA, whose post office address is 1195 Cornell Ave., Berkeley, CA 94706 USA;

**Ping Zhang**, citizen of Canada, whose post office address is 822 Washington Ave., Albany, CA 94530 USA;

**Edward Nichols**, citizen of Canada, whose post office address is 85 Parnassus Road, Berkeley, CA 94708 USA;

**Frank Morrison**, citizen of Canada, whose post office address is 11 Ajax Place, Berkeley, CA 94708 USA;

**Aria Abubakar**, citizen of the Netherlands, whose post office address is 233 Haverhill Street North Reading, MA 01864 USA; and

**Tarek Habashy**, citizen of the USA, whose post office address is 2 Kelly Farm Way, Burlington, MA 01803 USA;

Has/have invented certain new and useful improvements in

### METHOD AND SYSTEM FOR REMOVING EFFECTS OF CONDUCTIVE CASINGS AND WELLBORE AND SURFACE HETEROGENEITY IN ELECTROMAGNETIC IMAGING SURVEYS

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the 27<sup>th</sup> day(s) of June, 2007 (23.0666).

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.

SCHEDULE A  
SCHEDULE A  
"COMPANIES"

*SCHLUMBERGER CANADA LIMITED*

Corporation of: Canada

Located at: 525-3<sup>rd</sup> 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 83-89m 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: Countries not Otherwise Listed

IN WITNESS WHEREOF, I, **David Alumbaugh**, have hereunto set my hand and seal this 27 day of June, 2007.

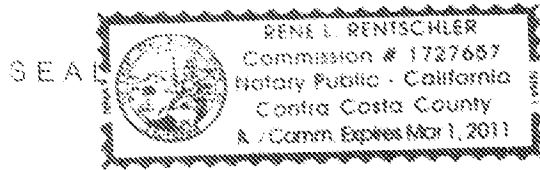
*David Alumbaugh*  
(signature of Inventor)

(L. S.)

State of California  
County of Contra Costa

BEFORE ME this 29 day of June, 2007, personally appeared David Alumbaugh, 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

*Bene L. Rentschler*  
Notary Public



IN WITNESS WHEREOF, I, **Ping Zhang**, have hereunto set my hand and seal this 29 day of June, 2007

[Signature]  
(signature of Inventor)

(L. S.)

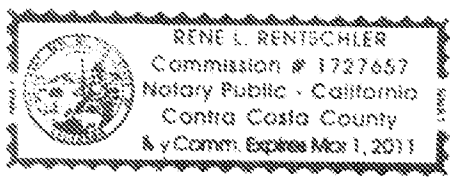
State of California

County of Contra Costa

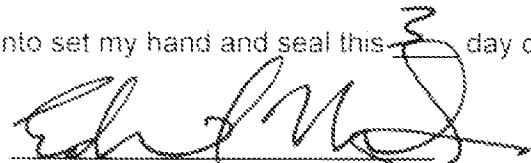
BEFORE ME this 29 day of June, 2007, personally appeared Ping Zhang, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed

[Signature]  
Notary Public

SEAL



IN WITNESS WHEREOF, I, **Edward Nichols**, have hereunto set my hand and seal this 3 day of August, 2007.

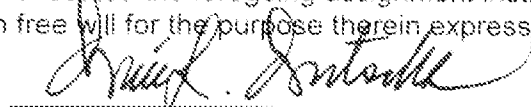
  
(signature of inventor)

(L. S.)

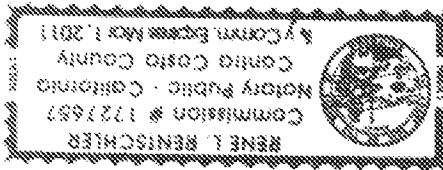
State of California

County of Contra Costa

BEFORE ME this 3rd day of August, 2007, personally appeared Edward Nichols, 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, **Frank Morrison**, have hereunto set my hand and seal this 18<sup>th</sup> day of JULY, 2007.

Frank Morrison  
(signature of Inventor)

(L. S.)

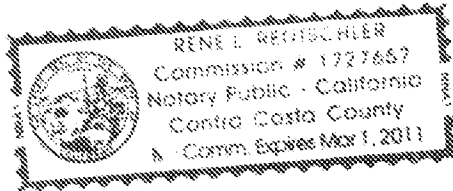
State of California)

County of Contra Costa)

BEFORE ME this 18<sup>th</sup> day of July, 2007, personally appeared Frank Morrison, 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.

Rene E. Gentschler  
Notary Public

SEAL



IN WITNESS WHEREOF, I, **Aria Abubakar**, have hereunto set my hand and seal this 9 day of July, 2007.

July

*[Handwritten signature]*

(signature of Inventor)

(L. S.)

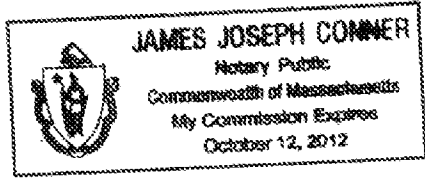
Commonwealth  
State of Massachusetts )

County of Middlesex )

BEFORE ME this 9 day of July, 2007, personally appeared Aria Abubakar, 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.

*[Handwritten signature]*  
Notary Public

SEAL



IN WITNESS WHEREOF, I, **Tarek Habashy**, have hereunto set my hand and seal this 5<sup>th</sup> day of July, 2007.

Tarek M. Habashy  
(signature of inventor)

(L.S.)

Commonwealth  
State of Massachusetts)

County of Middlesex)

BEFORE ME this 5 day of July, 2007, personally appeared Tarek 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.

James Joseph Conner  
Notary Public

SEAL

