

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ting Lei	09/13/2010
Bikash K. Sinha	09/13/2010
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<b>Postal Code:</b>	77056
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12892336
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Total Attachments: 5  
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## ASSIGNMENT

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

Ting LEI, citizen of P.R.China, whose post office address is MD-B208, One Hampshire Street, Cambridge, MA 02139-1578, U.S.A.

Bikash K. SINHA, citizen of U.S.A., whose post office address is MD-B213, One Hampshire Street, Cambridge, MA 02139-1578, U.S.A.

Has/have invented certain new and useful improvements in

**METHOD AND SYSTEM FOR DETERMINATION OF HORIZONTAL STRESSES FROM SHEAR RADIAL VARIATION PROFILES**

as described and set forth in an application for Letters Patent of the United States of America, attached hereto.

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  
"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: 5599 San Felipe, Suite 100, Houston, TX 77056

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: the Netherlands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Japan, Netherlands, Netherlands Antilles, Great Britain, Saudi Arabia

*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, 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: Virgin Islands, British

Located at: Craigmuir Chambers, PO Box 71, Road Town, Tortola B.V.I.

Assignee for applications in: Countries not Otherwise Listed

IN WITNESS WHEREOF, I, Ting LEI, have hereunto set my hand and seal


This 13 day of Sep, 2010.


Ting Lei  
(signature of inventor)

Commonwealth  
STATE OF Massachusetts  
COUNTY OF Middlesex

BE IT KNOWN, that on this 13 day of Sept, 2010, Ting LEI personally appeared to me and execute the foregoing assignment.

Susannah R. Fernandez  
Notary Public

 **SUSANNAH R. FERNANDEZ**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
February 11, 2016

SEAL 

IN WITNESS WHEREOF, I, Bikash K. SINHA, have hereunto set my hand and seal

This 13 day of September, 2010.

Bikash K. Sinha  
(signature of Inventor)

Commonwealth of Massachusetts  
STATE OF \_\_\_\_\_  
COUNTY OF Middlesex }

BE IT KNOWN, that on this 13 day of Sept, 2010, Bikash K. SINHA personally appeared to me and execute the foregoing assignment.

[Signature]  
Notary Public

SEAL



BUBANNAH R. FERNANDEZ  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
February 11, 2016