

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>Lawrence A. Behrmann</td><td>09/20/2007</td></tr><tr><td>Brenden M. Grove</td><td>09/14/2007</td></tr><tr><td>Raymond J. Tibbles</td><td>09/26/2007</td></tr><tr><td>Jeremy Harvey</td><td>09/14/2007</td></tr></tbody></table>	Name	Execution Date	Lawrence A. Behrmann	09/20/2007	Brenden M. Grove	09/14/2007	Raymond J. Tibbles	09/26/2007	Jeremy Harvey	09/14/2007	
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Brenden M. Grove	09/14/2007										
Raymond J. Tibbles	09/26/2007										
Jeremy Harvey	09/14/2007										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11862297</td></tr></tbody></table>	Property Type	Number	Application Number:	11862297							
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Application Number:	11862297										
CORRESPONDENCE DATA											
Fax Number:	(281)285-5537										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	281-285-6470										
Email:	vsolis2@slb.com										
Correspondent Name:	Virginia Solis										
Address Line 1:	14910 Airline Road										
Address Line 2:	Bldg. 20										
Address Line 4:	Rosharon, TEXAS 77583										
ATTORNEY DOCKET NUMBER:	22.1621										
NAME OF SUBMITTER:	Kevin Brayton McGoff										
Total Attachments: 7											

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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:

Lawrence A. Behrmann, a citizen of the United States of America, residing at 12442 Shadycrest Drive, Houston, TX 77082, U.S.A.;

Brenden M. Grove, a citizen of the United States of America, residing at 4932 Falls Circle, Missouri City, TX 77459;

Raymond J. Tibbles, a citizen of the United States of America, residing at B-01-3 South Tower, Hampshire Park Kondominium, 8 Persiaran Hampshire, off Jalan Ampang, 50450 Kuala Lumpur, Malaysia;

and

Jeremy Harvey, a citizen of the United States of America, residing at 7171 Buffalo Speedway #2513 Houston, TX 77025, U.S.A.;

Has/have invented certain new and useful improvements in

PROVIDING DYNAMIC TRANSIENT PRESSURE CONDITIONS TO IMPROVE PERFORATION CHARACTERISTICS

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 September 27, 2007, Serial No. 11/862,297, (Docket No.22.1621).

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,

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,

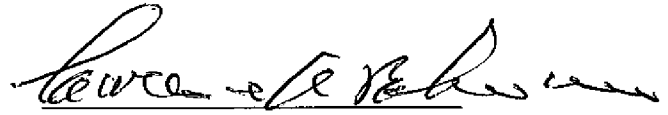
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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, **Lawrence A. Behrmann**, have hereunto set my hand and seal this 20th day of September, 2007.

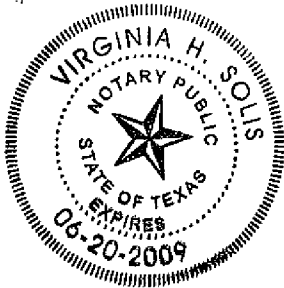

Lawrence A. Behrmann

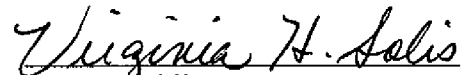
STATE OF TEXAS

COUNTY OF BRAZORIA

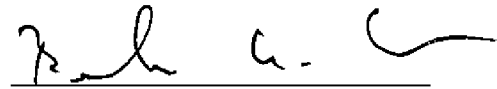
BEFORE ME this 20th day of September 2007, personally appeared **Lawrence A. Behrmann**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal




Notary Public

IN WITNESS WHEREOF I, **Brenden M. Grove**, have hereunto set my hand and seal this
14 day of SEPT, 2007.

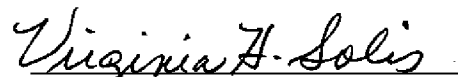
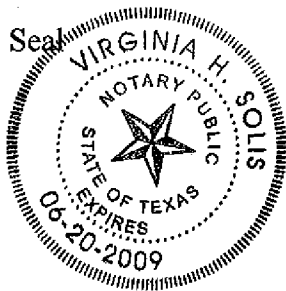


Brenden M. Grove


STATE OF TEXAS

COUNTY OF BRAZORIA

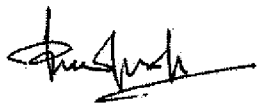
BEFORE ME this 14th day of September, 2007, personally appeared **Brenden M. Grove**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Notary Public

IN WITNESS WHEREOF I, **Raymond J. Tibbles**, have hereunto set my hand and seal this 26 day of September, 2007.

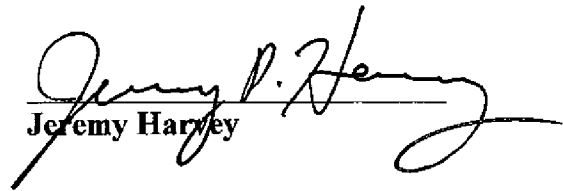

Raymond J. Tibbles

BE IT KNOWN that **Raymond J. Tibbles** is to me known to be the individual described in the foregoing assignment, that on this 26 day of September, 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 RAUDAH HUSAIN
SCHLUMBERGER OILFIELD SUPPORT
16TH FLR ROHAS PERICARA
8 JLN PERAK 50450
KUALA LUMPUR, MALAYSIA
 Post Office Address


 Witness Kenneth C Davidson
SCHLUMBERGER OILFIELD SUPPORT
19TH Floor ROHAS PERICARA
Kuala Lumpur, Malaysia
 Post Office Address

IN WITNESS WHEREOF I, **Jeremy Harvey**, have hereunto set my hand and seal this
14th day of September, 2007.

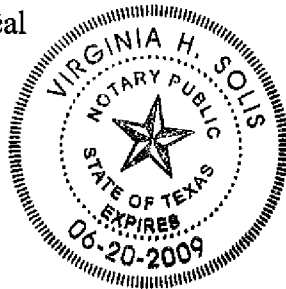

Jeremy Harvey

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 14th day of September, 2007, personally appeared **Jeremy Harvey**, 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

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