

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>Ashley B. Johnson</td><td>02/15/2007</td></tr><tr><td>Jonathan J. Elphick</td><td>02/15/2007</td></tr></tbody></table>		Name	Execution Date	Ashley B. Johnson	02/15/2007	Jonathan J. Elphick	02/15/2007				
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Ashley B. Johnson	02/15/2007										
Jonathan J. Elphick	02/15/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Schlumberger Technology Corporation</td></tr><tr><td>Street Address:</td><td>300 Schlumberger Drive</td></tr><tr><td>City:</td><td>Sugar Land</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77478</td></tr></table>		Name:	Schlumberger Technology Corporation	Street Address:	300 Schlumberger Drive	City:	Sugar Land	State/Country:	TEXAS	Postal Code:	77478
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PROPERTY NUMBERS Total: 1											
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Application Number:	11674796										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Bryan P. Galloway										
Total Attachments: 5 source=68_0624US_Assignment#page1.tif source=68_0624US_Assignment#page2.tif											

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Assignment

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

Ashley B. Johnson, a citizen of Great Britain, residing at Ravello, Butt Lane, Milton, Cambridge, CB4 6DG England

and

Jonathan J. Elphick, a citizen of Great Britain, residing at 3 The Lawns, Clerk Maxwell Road, Cambridge, CB3 0RU, England;

Has/have invented certain new and useful improvements in

DOWNHOLE PRODUCTION AND INJECTION PUMP 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 February 14, 2007, Serial No.11/674796, (Docket No. 68.0624)

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, **Ashley B. Johnson**, have hereunto set my hand and seal this
15 day of FEBRUARY, 2007.

A. B. Johnson
(signature of Inventor)

BE IT KNOWN that **Ashley B. Johnson** is to me known to be the individual described in the foregoing assignment, that on this 15th day of FEBRUARY, 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.

[Signature]

Witness

P. S. Hammond

62 High St.

BOURN, CAMBRIDGE

CB23 2TR, UK.

Post Office Address

[Signature]

Witness

M. P. Banett

3 West Rd

Histon, CAMBS

CB24 9LH, UK

Post Office Address

IN WITNESS WHEREOF I, **Jonathan J. Elphick**, have hereunto set my hand and seal this
15th day of February, 2007..

Jon Elphick.
(signature of Inventor)

BE IT KNOWN that **Jonathan J. Elphick** is to me known to be the individual described in the foregoing assignment, that on this 15th day of FEBRUARY, 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.

[Signature]
Witness

P.S. HAMMOND
62 High St, BARN,
CAMBRIDGE, CB23 2TR
UK
Post Office Address

[Signature]
Witness

M.P. BARRETT
3 WEST RD
WISTON, CAMBS
CB24 9LH U.K.
Post Office Address

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 N.V.

Corporation of: the Netherlands Antilles

Located at: De Ruyterkade 62, Willemstad, Curacao, Netherlands Antilles

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