

PATENT ASSIGNMENT

Electronic Version v1.1
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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 James Biddick</td> <td>12/09/2011</td> </tr> <tr> <td>Paul G. Goughnour</td> <td>12/19/2011</td> </tr> <tr> <td>Geoffrey Pinard</td> <td>12/12/2011</td> </tr> </tbody> </table>		Name	Execution Date	David James Biddick	12/09/2011	Paul G. Goughnour	12/19/2011	Geoffrey Pinard	12/12/2011
Name	Execution Date								
David James Biddick	12/09/2011								
Paul G. Goughnour	12/19/2011								
Geoffrey Pinard	12/12/2011								
RECEIVING PARTY DATA									
Name:	Schlumberger Technology Corporation								
Street Address:	300 Schlumberger Drive								
City:	Sugar Land								
State/Country:	TEXAS								
Postal Code:	77478								
PROPERTY NUMBERS Total: 2									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61441299</td> </tr> <tr> <td>Application Number:</td> <td>13290348</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61441299	Application Number:	13290348		
Property Type	Number								
Application Number:	61441299								
Application Number:	13290348								
CORRESPONDENCE DATA									
Fax Number:	(713)689-2219								
Phone:	(713) 689-1520								
Email:	t Tipps@slb.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	SCHLUMBERGER RESERVOIR COMPLETIONS								
Address Line 1:	10001 Richmond								
Address Line 2:	IP - Center of Excellence								
Address Line 4:	Houston, TEXAS 77042								
ATTORNEY DOCKET NUMBER:	IS11.0106-US-NP								
NAME OF SUBMITTER:	Tammy Tipps								

CH \$80.00 61441299

Total Attachments: 6

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Assignment

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

David James Biddick, a citizen of the United States of America, residing at 10607 Saratoga Square, Missouri City, Texas 77459, USA;

Paul G. Goughnour, a citizen of the United States of America, residing at 1007 Auburn View Lane, Fresno, Texas 77545, USA;

and

Geoffrey Pinard, a citizen of the United States of America, residing at 6810 Rhodes Court, Missouri City, Texas 77459, USA;

Has/have invented certain new and useful improvements in

VALVE WITH REMOVABLE COMPONENT

as described and set forth in a United States Provisional Patent Application filed on February 10, 2011 under Serial Number 61/441,299, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on November 07, 2011, Serial No.13/290,348, (Docket No.IS11.0106-US-NP). This assignment is effective as of February 10, 2011.

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 James Biddick**, have hereunto set my hand and seal this 9th day of December, 2011.

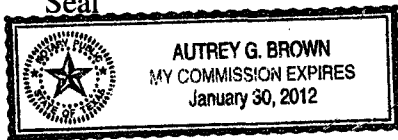

David James Biddick

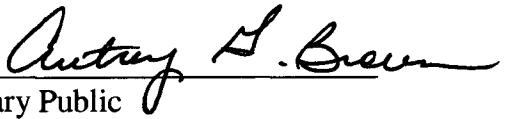
STATE OF Texas

COUNTY OF Brazoria

BEFORE ME this 9th day of December, 2011, personally appeared **David James Biddick**, 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

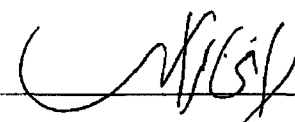



Notary Public

IN WITNESS WHEREOF I, Paul G. Goughnour, have hereunto set my hand and seal this 19 day of December, 2011.



Paul G. Goughnour

BE IT KNOWN that Paul G. Goughnour is to me known to be the individual described in the foregoing assignment, that on this 19 day of December, 2011, 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

MOHAMED A AFKHAR
7329 RYAN DRIVE
PLANO, TX 75075-2346


Post Office Address


Witness

JURAIDAH JUMAT
315 JALAN AHMAD IBRAHIM
SINGAPORE 639940

Post Office Address

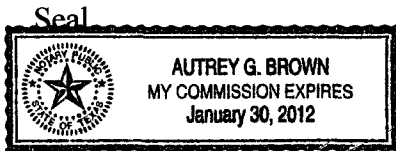
IN WITNESS WHEREOF I, **Geoffrey Pinard**, have hereunto set my hand and seal this 12 day of DECEMBER, 2011.

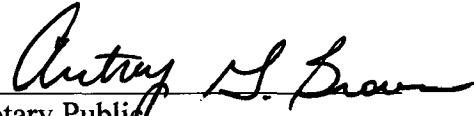


Geoffrey Pinard

STATE OF Texas
COUNTY OF Brazoria

BEFORE ME this 12 day of December, 2011, personally appeared **Geoffrey Pinard**, 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

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: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Japan, The Netherlands, Netherlands Antilles, United Kingdom, Saudi Arabia

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, and Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Eurasia, Gulf Cooperation Council, and Countries not otherwise listed.