

PATENT ASSIGNMENT

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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>Victor Lyashkov</td> <td>06/19/2013</td> </tr> <tr> <td>Mark Callister Oettli</td> <td>06/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Victor Lyashkov	06/19/2013	Mark Callister Oettli	06/20/2013				
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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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CORRESPONDENCE DATA											
<p>Fax Number: 7136892219 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-689-1137 Email: ncorona@slb.com Correspondent Name: Mimi Corona Address Line 1: 10001 Richmond Avenue Address Line 2: IP Administration Center of Excellence Address Line 4: Houston, TEXAS 77042</p>											
ATTORNEY DOCKET NUMBER:	IS11.1122-US-NP										
NAME OF SUBMITTER:	Mimi Corona										
Signature:	/Mimi Corona/										
Date:	07/05/2013										

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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:

Victor Lyashkov, a citizen of The Russian Federation, residing at 9527 Amethyst Arbor Ln, Katy, Texas, 77494, USA;

and

Mark Callister Oettli, a citizen of the United States of America, residing at 2515 Silent Shore Court, Richmond, TX 77469, USA;

Have invented certain new and useful improvements in

NOZZLE SELECTIVE PERFORATING JET ASSEMBLY

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 November 2, 2012 , Serial No. 13/667,244, (Docket No. IS11.1122-US-NP). **This assignment is effective as of November 2, 2012.**

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, appeared **Victor Lyashkov**, have hereunto set my hand and seal
this 19 day of JUNE, 2013.

Victor Lyashkov



STATE OF Texas
COUNTY OF Fort Bend

BEFORE ME this 19th day of June, 2013, personally appeared **Victor Lyashkov**,
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

Cynthia Calleo
Notary Public



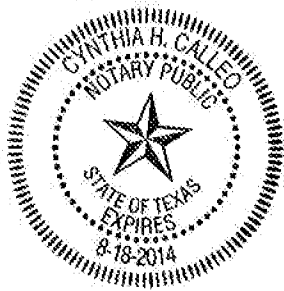
IN WITNESS WHEREOF I, **Mark Callister Oettli**, have hereunto set my hand and seal this
20 day of JUNE, 2013.

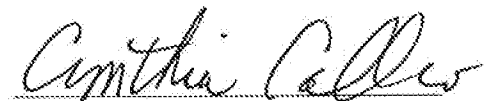

Mark Callister Oettli

STATE OF Texas
COUNTY OF Fort Bend

BEFORE ME this 20 day of June, 2013, personally appeared **Mark Callister Oettli**, 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: 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, 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: GCC and all other countries.

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: Angola, Bahrain, Bangladesh, Benin, Cambodia, Cameroon, Chad, China, Congo, Gabon, Ghana, Guinea-Bissau, India, Ivory Coast, Jordan, Libya, Mauritania, Morocco, Mozambique, Myanmar, Namibia, Nigeria, Philippines, Senegal, Sudan, Syria, Taiwan, Togo, UAE, Vietnam, Zaire.