

## 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>Matthias Heil</td> <td>03/05/2013</td> </tr> <tr> <td>Frank Andriessen</td> <td>04/19/2013</td> </tr> <tr> <td>Mirjam Zwanenburg</td> <td>03/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Matthias Heil	03/05/2013	Frank Andriessen	04/19/2013	Mirjam Zwanenburg	03/04/2013		
Name	Execution Date										
Matthias Heil	03/05/2013										
Frank Andriessen	04/19/2013										
Mirjam Zwanenburg	03/04/2013										
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
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>13699455</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13699455						
Property Type	Number										
Application Number:	13699455										
CORRESPONDENCE DATA											
Fax Number: 7136892219 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> 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											
ATTORNEY DOCKET NUMBER:	25.0572-US-PCT										
NAME OF SUBMITTER:	Mimi Corona										
Signature:	/Mimi Corona/										

Date:

05/21/2013

**Total Attachments: 6**

source=250572USPCT\_20130521\_Executed-Assignment#page1.tif

source=250572USPCT\_20130521\_Executed-Assignment#page2.tif

source=250572USPCT\_20130521\_Executed-Assignment#page3.tif

source=250572USPCT\_20130521\_Executed-Assignment#page4.tif

source=250572USPCT\_20130521\_Executed-Assignment#page5.tif

source=250572USPCT\_20130521\_Executed-Assignment#page6.tif

## Assignment

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

Name	Citizenship	Address
✓ Matthias Heil	Germany	Wehmen 12, Dotlingen, Germany 27801
Frank Andriessen	Netherlands	Van Rechterenlaan 8, Coevorden, Germany 7742 XG
✓ Mirjam Zwanenburg	Netherlands	3363 McCue Road, # 444, Houston, Texas, U.S.A.

Has/have invented certain new and useful improvements in

### Method For Forming Slots In A Wellbore Casing

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 24 May 2011, Serial No. 13/699455, (Docket No. 25.0572-US-PCT). This assignment is effective as of 24 May 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.

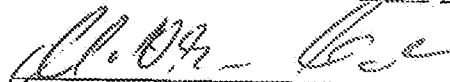
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, 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

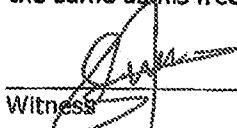
applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, **Matthias Heil**, have hereunto set my hand and seal this 5<sup>th</sup> day of March, 2013.

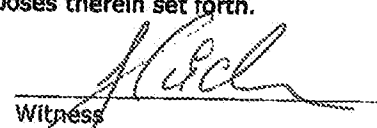
  
Matthias Heil

BE IT KNOWN that **Matthias Heil** is to me known to be the individual described in the foregoing assignment, that on this 5<sup>th</sup> day of March, 2013, 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

  
Habib LIMAM  
Twiestücken 1,  
Hamburg, 22297  
Germany  
Post Office Address

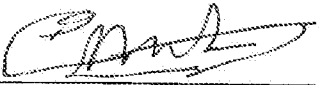
Witness

  
ERICH GLUECK  
HAUPTSTRASSE 130  
2224 ERDPRESS  
AUSTRIA  
Post Office Address

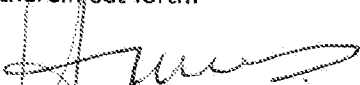
IN WITNESS WHEREOF I, **Frank Andriessen**, have hereunto set my hand and seal this 19 day  
of april, 2013.

  
\_\_\_\_\_  
**Frank Andriessen**

BE IT KNOWN that **Frank Andriessen** is to me known to be the individual described in the foregoing assignment, that on this 19 day of APRIL, 2013, 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.

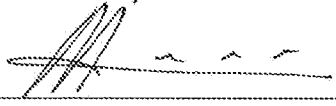
  
\_\_\_\_\_  
Witness  
Wthof 35  
7761 XP  
SCHOONEBEEK

\_\_\_\_\_  
Post Office Address

  
\_\_\_\_\_  
Witness  
LANG BOE 48  
7861 Bd  
DOSTER HESSELEN

\_\_\_\_\_  
Post Office Address

IN WITNESS WHEREOF I, **Mirjam Zwanenburg**, have hereunto set my hand and seal this 4 day of March, 2013.

  
\_\_\_\_\_  
**Mirjam Zwanenburg**

STATE OF Texas

COUNTY OF Fort Bend

BEFORE ME this 4 day of March, 2013, personally appeared, **Mirjam Zwanenburg**, 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, TX 77478

Assignee for applications in: United States of America

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> 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: Albania, Argentina, Australia, Austria, Azerbaijan, Brunei, Bulgaria, Chile, Colombia, Croatia, Cypress, Czech Republic, Denmark, Egypt, Equatorial Guinea, Falkland Islands, Faroe Islands, Georgia, Germany, Greece, Greenland, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Kenya, Korea, Kuwait, Lithuania, Madagascar, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Suriname, Switzerland, Tanzania, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, Uruguay, Uzbekistan, 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