

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Timothy Lesko</td> <td>12/25/2006</td> </tr> <tr> <td>J. Ernest Brown</td> <td>12/22/2006</td> </tr> <tr> <td>Dean M. Willberg</td> <td>01/18/2007</td> </tr> <tr> <td>Ivan Kosarev</td> <td>01/18/2007</td> </tr> <tr> <td>Anatoly Medvedev</td> <td>12/25/2006</td> </tr> </tbody> </table>		Name	Execution Date	Timothy Lesko	12/25/2006	J. Ernest Brown	12/22/2006	Dean M. Willberg	01/18/2007	Ivan Kosarev	01/18/2007	Anatoly Medvedev	12/25/2006
Name	Execution Date												
Timothy Lesko	12/25/2006												
J. Ernest Brown	12/22/2006												
Dean M. Willberg	01/18/2007												
Ivan Kosarev	01/18/2007												
Anatoly Medvedev	12/25/2006												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Schlumberger Technology Corporation												
<b>Street Address:</b>	110 Schlumberger Drive												
<b>City:</b>	Sugar Land												
<b>State/Country:</b>	TEXAS												
<b>Postal Code:</b>	77478												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11608686</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11608686								
Property Type	Number												
Application Number:	11608686												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(281)285-8569												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	281-285-8606												
<b>Email:</b>	pmohan@slb.com												
<b>Correspondent Name:</b>	David Cate												
<b>Address Line 1:</b>	110 Schlumberger Drive, MD-1												
<b>Address Line 4:</b>	Sugar Land, TEXAS 77478												
<b>ATTORNEY DOCKET NUMBER:</b>	56.0953												
<b>NAME OF SUBMITTER:</b>	David Cate												

CH \$40.00 11608686

**Total Attachments: 6**

source=560953\_Assignment#page1.tif

source=560953\_Assignment#page2.tif

source=560953\_Assignment#page3.tif

source=560953\_Assignment#page4.tif

source=560953\_Assignment#page5.tif

source=560953\_Assignment#page6.tif

# ASSIGNMENT

WHEREAS, we,

**Timothy Lesko**, a citizen of the United States of America, whose post office address is 23 Ilvicha Ulitsa #56, Novosibirsk 630055, Russia.;

**J. Ernest Brown**, a citizen of the United States of America, whose post office address is 41 Bosworth Road, Cambridge CB1 8RG United Kingdom;

**Dean M. Willberg**, a citizen of Canada, whose post office address is 10548 East Cerulean Way, Tucson AZ 85747, U.S.A.;

**Ivan Kosarev**, a citizen of Russia, whose post office address is 32/12 Tsiolkovskogo Apt 101, Dolgoprundy, Russia; and

**Anatoly Medvedev**, a citizen of Russia, whose post office address is Litovsky Bulivar, 46, Bldg. 1, Apt 209, Moscow, Russia;

hereinafter referred to as the "Inventors" have invented certain new and useful improvements in

## HETEROGENEOUS PROPPANT PLACEMENT IN A FRACTURE WITH REMOVABLE CHANNELANT FILL

for which we have described and set forth in an application for Letters Patent of the United States of America:

- for which an application for a United States patent was executed on December 8, 2006 under Docket Number 56.0953 and assigned Serial Number 11/608,686.

WHEREAS, **Schlumberger Technology Corporation**, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its 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;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the 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 WE 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 COMPANY, its 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 COMPANY, its successors and assigns;


AND WE DO HEREBY COVENANT AND WARRANT that we 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 we have not executed and will not execute any instruments in conflict herewith;

AND WE, FOR THE CONDITIONS AFORESAID, DO HEREBY COVENANT and agree to and with the said COMPANY, its successors and assigns, that we, my executors or administrators, will 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 COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its 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.

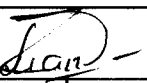
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 25 day of December, 2006.

  
\_\_\_\_\_  
**Timothy Lesko**

WITNESSES:

Signature   
Name: Alexey Cheremisin  
Address: Russia, Novosibirsk  
Lesosrechnaya str., 5-27

Date: 25 - Dec - 2006

Signature   
Name: Matveev Anatoly  
Address: Russia, Novosibirsk  
Ekvatoraya str, 14-120

Date: 25 - Dec - 2006

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 22 day of December, 2006.



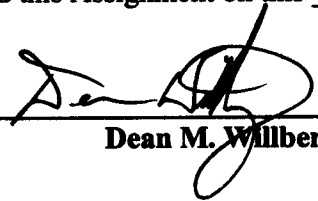
**J. Ernest Brown**

WITNESSES:

Signature Julie Snider Date: 12-22-06  
Name: Julie Snider  
Address: 8010 Myrtle Lane  
Missouri City, TX 77459

Signature Tim Date: 12-22-06  
Name: TIM CURINGTON  
Address: 555 INDUSTRIAL BLVD, MD-21  
GEAR LAND, TX 77470

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 18 day of January, ~~2006~~ 2007



**Dean M. Willberg**

WITNESSES:

Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

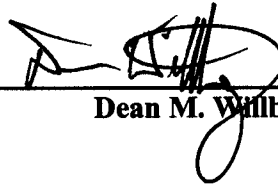
\_\_\_\_\_  
**J. Ernest Brown**

WITNESSES:

Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

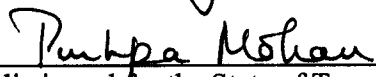
Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

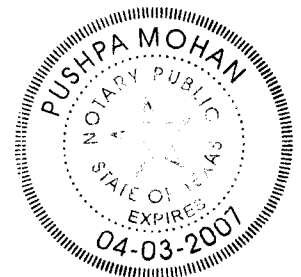
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 18 day of January, 2007.

  
\_\_\_\_\_  
**Dean M. Willberg**

STATE OF TEXAS §  
  §  
COUNTY OF FORT BEND §

Subscribed and sworn to before me this 18 day of January, 2007.

  
\_\_\_\_\_  
Notary Public in and for the State of Texas



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 18 day  
of January, 2006. 2007

Ivan Kosarev  
Ivan Kosarev

WITNESSES:

Signature Ivan Pertnov Date: 18.01.2007  
Name: Ivan Pertnov  
Address: Russia, Astrakhan  
N. Ostrovskogo 150-1-85

Signature Elena Gurevich Date: 18.01.2007  
Name: Elena Gurevich  
Address: Moscow, Tverskaya,  
19-36.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this \_\_\_\_\_ day  
of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Anatoly Medvedev

WITNESSES:

Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this \_\_\_\_\_ day  
of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**Ivan Kosarev**

WITNESSES:

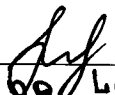
Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


Signature \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 25 day  
of December, 2006.

  
\_\_\_\_\_  
**Anatoly Medvedev**

WITNESSES:

Signature  \_\_\_\_\_ Date: 25.12.06  
Name: Elena Louchikova  
Address: Novosibirsk, Russia  
Stroiteley 5-32  
\_\_\_\_\_

Signature  \_\_\_\_\_ Date: 25.12.2006  
Name: Ivan Tsigulev  
Address: Novosibirsk, Russia  
Domekova 12-151  
\_\_\_\_\_