

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>IAIN COOPER</td> <td>07/17/2007</td> </tr> <tr> <td>REX BURGOS</td> <td>07/18/2007</td> </tr> <tr> <td>PATRICK SCHNEIDER</td> <td>07/18/2007</td> </tr> <tr> <td>JOHN STYRE</td> <td>07/26/2007</td> </tr> </tbody> </table>		Name	Execution Date	IAIN COOPER	07/17/2007	REX BURGOS	07/18/2007	PATRICK SCHNEIDER	07/18/2007	JOHN STYRE	07/26/2007
Name	Execution Date										
IAIN COOPER	07/17/2007										
REX BURGOS	07/18/2007										
PATRICK SCHNEIDER	07/18/2007										
JOHN STYRE	07/26/2007										
RECEIVING PARTY DATA											
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" 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>11778803</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11778803						
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Application Number:	11778803										
CORRESPONDENCE DATA											
Fax Number:	(780)450-1688										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	780.577.1322										
Email:	lwilles@edmonton.oilfield.slb.com										
Correspondent Name:	Lauren Willes										
Address Line 1:	9450 - 17 Avenue										
Address Line 4:	Edmonton, AB, CANADA T6N 1M9										
ATTORNEY DOCKET NUMBER:	121.0001										
NAME OF SUBMITTER:	Wayne I. Kanak										
<p>Total Attachments: 7 source=121-0001_Assignment#page1.tif</p>											

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Assignment

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

IAIN COOPER, a citizen of the United Kingdom, residing at 1410 Timbertrail Drive, Sugar Land, Texas 77479, United States of America;

REX BURGOS, a citizen of the United States of America, residing at 11250 S. Kirkwood #532, Stafford, Texas 77477, United States of America;

PATRICK SCHNEIDER, a citizen of the United States of America, residing at 1702 Lake Charlotte Lane, Richmond, Texas 77469, United States of America;

JOHN STYRE, a citizen of Canada, residing at 11312 – 92B Street, Grande Prairie, Alberta, T8V 7E9, Canada;

Have invented certain new and useful improvements in

METHODS, SYSTEMS, AND APPARATUS FOR PRODUCTION OF HYDROCARBONS FROM A SUBTERRANEAN FORMATION

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 17-JUL-2007, Serial No. 11/778,803, (Docket No.121.0001).

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, IAIN COOPER have hereunto set my hand and seal this July 17th, 2007.

Iain Cooper
IAIN COOPER

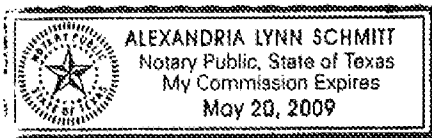
STATE OF TEXAS)
COUNTY OF Foot Bend)

BEFORE ME, this July 17, 2007 personally appeared Iain Cooper, 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.

Alexandria Lynn Schmitt
Notary Public in and for the State of Texas

SEAL

My Commission Expires: May 20, 2009



IN WITNESS WHEREOF, I, REX BURGOS have hereunto set my hand and seal this July 18th, 2007.

Rex Burgos
REX BURGOS

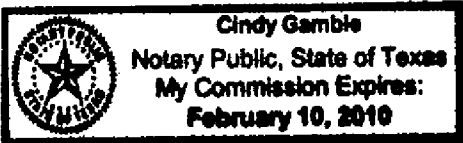
STATE OF TEXAS)
COUNTY OF Fort Bend)

BEFORE ME, this July 18th, 2007 personally appeared Rex Burgos, 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.

Cindy Gamble
Notary Public in and for the State of Texas

SEAL

My Commission Expires: Feb 10, 2010



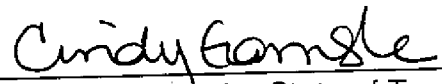
IN WITNESS WHEREOF, I, PATRICK SCHNEIDER have hereunto set my hand and seal this July 18, 2007.



PATRICK SCHNEIDER

STATE OF TEXAS)
COUNTY OF Fort Bend)

BEFORE ME, this July 18, 2007 personally appeared Pat Schneider, 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 in and for the State of Texas

SEAL

My Commission Expires: Feb 10, 2010



Sworn before me at the City of Grande Prairie, Province of Alberta, this 26 day of)

JULY 2007

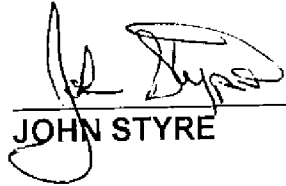

JOHN V PERKINS

Commissioner for Oaths in and for the Province of Alberta
This Appointment Expires

December 16,

Dec 16 / 2009

Commissioner for Oaths in and for the Province of Alberta, Canada)



JOHN STYRE

**Schedule A
"COMPANIES"**

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America (Texas)
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 (Ontario)
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, 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 LIMITED

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