

**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>Julio C. Guerrero</td> <td>12/07/2007</td> </tr> <tr> <td>Jahir A. Pabon</td> <td>12/03/2007</td> </tr> <tr> <td>Fracois M. Auzerais</td> <td>01/24/2008</td> </tr> <tr> <td>Kuo Chiang Chen</td> <td>11/30/2007</td> </tr> <tr> <td>Kevin J. Forbes</td> <td>01/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Julio C. Guerrero	12/07/2007	Jahir A. Pabon	12/03/2007	Fracois M. Auzerais	01/24/2008	Kuo Chiang Chen	11/30/2007	Kevin J. Forbes	01/21/2008
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Kuo Chiang Chen	11/30/2007												
Kevin J. Forbes	01/21/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Schlumberger Technology Corporation												
<b>Street Address:</b>	One Hampshire Street												
<b>Internal Address:</b>	Schlumberger-Doll Research												
<b>City:</b>	Cambridge												
<b>State/Country:</b>	MASSACHUSETTS												
<b>Postal Code:</b>	02139												
<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><b>Application Number:</b></td> <td>11946302</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11946302								
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<b>Application Number:</b>	11946302												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(617)768-2402												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	617.768.2000												
<b>Email:</b>	mpadival@boston.oilfield.slb.com												
<b>Correspondent Name:</b>	James McAleenan												
<b>Address Line 1:</b>	One Hampshire Street												
<b>Address Line 2:</b>	Schlumberger-Doll Research												
<b>Address Line 4:</b>	Cambridge, MASSACHUSETTS 02139												
<b>ATTORNEY DOCKET NUMBER:</b>	60.1754 US NP												

**CH \$40.00 11946302**

NAME OF SUBMITTER:

Mythri Padival

**Total Attachments: 8**

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## Assignment

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

**Julio C. Guerrero**, a citizen of PERU, residing at 75 Alpine Street, Cambridge, MA 02138, USA

**Jahir A. Pabon**, a citizen of the UNITED STATES OF AMERICA, residing at 10 Wildon Road, Wellesley, MA 02482, USA

**Francois M. Auzerais**, a citizen of the UNITED STATES OF AMERICA, residing at 7607 CreekGlen Drive, Houston, TX 77095, USA

**Kuo Chiang Chen**, a citizen of the UNITED STATES OF AMERICA, residing at 17 Benjamin Road, Lexington, MA 02421, USA

**Kevin J. Forbes**, a citizen of the UNITED KINGDOM, residing at 2345 Bering Drive Apartment 233, Houston, TX 77057, USA

Has/have invented certain new and useful improvements in

### **HARVESTING ENERGY IN REMOTE LOCATIONS**

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 28, 2007, Serial No.11/946,302 (Docket No. 60-1754 US NP).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

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.

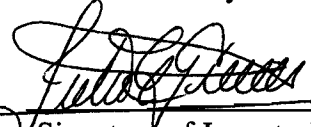
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same,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

WITNESSED:


IN WITNESS WHEREOF I, **Julio C. Guerrero**, have hereunto set my hand and seal this  
07 day of December, 2007.

  
\_\_\_\_\_  
(Signature of Inventor)

*Commonwealth*  
STATE OF Massachusetts  
COUNTY OF Middlesex

BEFORE ME this 7 day of December, 2007, personally appeared **Julio C. Guerrero**, 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



Barbara Kilfoyle  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 20, 2014

WITNESSED:

IN WITNESS WHEREOF I, **Jahir A. Pabon**, have hereunto set my hand and seal this  
3 day of December, 2007.

*Jahir Pabon*  
(Signature of Inventor)

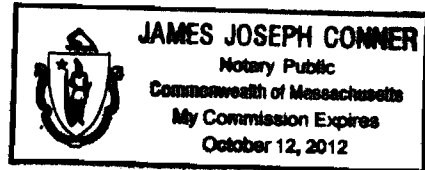
~~COMMONWEALTH~~  
STATE OF Massachusetts )  
COUNTY OF Middlesex )

BEFORE ME this 3 day of December, 2007, personally appeared **Jahir A. Pabon**, 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



*James Joseph Conner*  
Notary Public



WITNESSED:

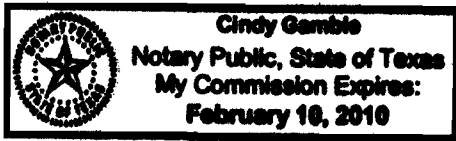
IN WITNESS WHEREOF I, **Francois M. Auzeais**, have hereunto set my hand and seal this  
24 day of January, 2008.

*Francois M. Auzeais*  
(Signature of Inventor) —

STATE OF Texas )  
COUNTY OF Fort Bend )

BEFORE ME this 24 day of January, 2008, personally appeared **Francois M. Auzeais**, 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.

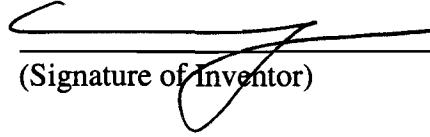
Seal



*Cindy Gamble*  
Notary Public

WITNESSED:

IN WITNESS WHEREOF I, **Kuo Chiang Chen**, have hereunto set my hand and seal this  
30 day of November, 2007.

  
(Signature of Inventor)


Commonwealth  
~~STATE OF~~ Massachusetts  
COUNTY OF Middlesex )

BEFORE ME this 30 day of November, 2007, personally appeared **Kuo Chiang Chen**, 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



  
Barbara Kilfoyle  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 20, 2014



WITNESSED:

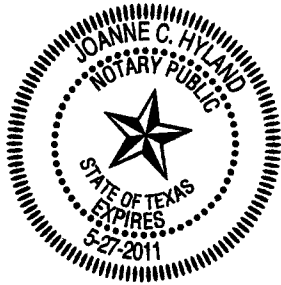
IN WITNESS WHEREOF I, **Kevin J. Forbes**, have hereunto set my hand and seal this  
21<sup>st</sup> day of JANUARY, 2008 *KJF*.

*K. J. Forbes*  
(Signature of Inventor)

*State*  
COMMONWEALTH OF Texas )  
COUNTY OF Brazoria )

BEFORE ME this 21 day of January, <sup>2008 *KJF*</sup> 2007, personally appeared **Kevin J. Forbes**, 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



*Joanne C. Hyland*  
Notary Public

**Schedule A**  
**“COMPANIES”**

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

**SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: USA

Located at: One Hampshire Street, Cambridge, MA 02139

Assignee for applications in: USA

**SERVICES PETROLIERS SCHLUMBERGER**

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France

**SCHLUMBERGER HOLDINGS LIMITED**

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

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, Azarbaijan, Brunei, Bulgaria, Colombia, Czech Republic, Denmark, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela

**PRAD RESEARCH AND DEVELOPMENT LIMITED**

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Countries not Otherwise Listed