

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>Michael S. Bittar</td> <td>05/26/2010</td> </tr> <tr> <td>Burkay Donderici</td> <td>10/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael S. Bittar	05/26/2010	Burkay Donderici	10/26/2010				
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<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Blvd.</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77072</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Blvd.	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6123393061 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612.373.6900 Email: uspto@slwip.com Correspondent Name: SCHWEGMAN, LUNDBERG & WOESSNER, P.A. Address Line 1: P.O. BOX 2938 Address Line 4: MINNEAPOLIS, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	1880.290US1										
NAME OF SUBMITTER:	/David R. Cochran/										
<p>Total Attachments: 4 source=1880290assignment#page1.tif source=1880290assignment#page2.tif source=1880290assignment#page3.tif source=1880290assignment#page4.tif</p>											

PATENT

ASSIGNMENT

WHEREAS, We, Michael S. Bittar, residing at 8711 Wheatland Drive, Houston, TX 77064, and Burkay Donderici, residing at 14633 Woodson Park Drive, Apt. 1421, Houston, TX 77032, made certain new and useful inventions and improvements which are described in an application for PCT Letters Patent entitled IMAGING AND SENSING OF SUBTERRANEAN RESERVOIRS;

WHEREAS, We hereby authorize and request the attorneys, representing Halliburton Energy Services, Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. _____; Filing Date: _____) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Halliburton Energy Services, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 10200 Bellaire Blvd, Houston, TX 77072, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for PCT Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

ASSIGNMENT

Client Ref. No. 2009-IP-026273 PCT/E-Billing 2009-IPRO-026273

Assignors: Michael S. Bittar et al.

Title: IMAGING AND SENSING OF SUBTERRANEAN RESERVOIRS

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Docket No.: 1880.290WO1

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

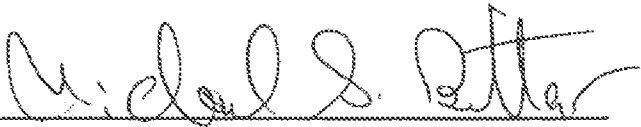
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26th day of
May, 2010.



Michael S. Bittar

STATE OF Texas)

)ss

COUNTY OF Harris)

On this 26th day of May, 2010 before me personally appeared
Michael S. Bittar, to me known and known to me to be the person described in and who executed
the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for
the uses and purposes therein set forth.

[SEAL]



Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26th day of

May, 2010.



Burkay Donderici

STATE OF Texas)

)ss

COUNTY OF Harris)

On this 26th day of May, 2010 before me personally appeared Burkay Donderici, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public