**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

## CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>MUSTAFA AL IBRAHIM</td>
<td>07/01/2013</td>
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## RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>SAUDI ARAMCO</th>
</tr>
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<tbody>
<tr>
<td>Street Address</td>
<td>NORTH ADMIN. BUILDING</td>
</tr>
<tr>
<td>Internal Address</td>
<td>ROOM 3085</td>
</tr>
<tr>
<td>City</td>
<td>DHAHRAN</td>
</tr>
<tr>
<td>State/Country</td>
<td>SAUDI ARABIA</td>
</tr>
<tr>
<td>Postal Code</td>
<td>31311</td>
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### PROPERTY NUMBERS Total: 1

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<tr>
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<tr>
<td>Application Number</td>
<td>13407526</td>
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## CORRESPONDENCE DATA

**Fax Number:** (713)689-2219  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 7136892273  
**Email:** QMARQUES@SLB.COM  
**Correspondent Name:** SCHLUMBERGER TECHNOLOGY CORPORATION  
**Address Line 1:** 10001 RICHMOND AVENUE  
**Address Line 2:** IP ADMINISTRATION CENTER OF EXCELLENCE  
**Address Line 4:** HOUSTON, TEXAS 77042

**ATTORNEY DOCKET NUMBER:** IS11.0024-US-NP  
**NAME OF SUBMITTER:** QUERLYN MARQUES  
**SIGNATURE:** /Querlyn MARQUES/  
**DATE SIGNED:** 09/23/2014

Total Attachments: 2  
source=IS110024USNP_20140923_ASG-SA#page1.tif  
source=IS110024USNP_20140923_ASG-SA#page2.tif
ASSIGNMENT

WHEREAS, I/We, Mustafa Al Ibrahim (Inventor), a citizen of Saudi Arabia, whose post office address is House 11, Liwa Street, Safwa, Eastern Province, Saudi Arabia have invented Methods to Build 3D Digital Models of Porous media Using a Combination of High- and Low-Resolution Data and Multi-Point Statistics as described and set forth in a United States Provisional Patent Application filed on February 28, 2011 under Serial Number 61/447417 and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on February 28, 2012 under Serial No. 13/407526. This assignment is effective as of February 28, 2011.

AND WHEREAS, SAUDI ARAMCO, its successors and assigns (COMPANY), with principal office at Room 3085, North Admin. Building, Dhahran 31311, Saudi Arabia wants to acquire or confirm its acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, both in the United States and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I/we, the inventor(s), for good, sufficient and valuable considerations, assign, transfer and convey to the COMPANY the entire right, title and interest throughout the world, in my/our invention as described in such an application, including the right to file foreign applications under the provisions of any convention or treaty; any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention anywhere; and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted anywhere for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND I/we authorize and request the appropriate authority to issue any related patent to the COMPANY as the assignee of the entire right, title and interest in the patent, for the sole use and benefit of the COMPANY.

AND I/we covenant and warrant that I/we have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that I/we have not executed and will not execute any instruments in conflict with this agreement.

AND I/we agree that I/we, my/our executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for the COMPANY, to secure and vest in the COMPANY, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.
IN WITNESS WHEREOF, I sign this 1st day of July 2013.

Mustafa Al Ibrahim

WITNESSED:

BE IT KNOWN, that Mustafa Al Ibrahim is known to us to be the individual described in this assignment, that on this ___ day of ________________, 2013, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

First Witness (Signature)

Dora Acejo-Allord
1 Hampshire st, Cambridge
MA, 02139, USA

Second Witness (Signature)

Kamilla Fellah
1 Hampshire st.,
Cambridge 02139, USA

Post Office Address
Post Office Address