**PATENT ASSIGNMENT COVER SHEET**

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

### CONVEYING PARTY DATA

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<th>Name</th>
<th>Execution Date</th>
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<td>RADIAL DRILLING SERVICES, INC.</td>
<td>09/06/2016</td>
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### RECEIVING PARTY DATA

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<tr>
<th>Name:</th>
<th>SCHLUMBERGER TECHNOLOGY CORPORATION</th>
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<tbody>
<tr>
<td>Street Address:</td>
<td>300 SCHLUMBERGER DRIVE</td>
</tr>
<tr>
<td>City:</td>
<td>SUGAR LAND</td>
</tr>
<tr>
<td>State/Country:</td>
<td>TEXAS</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>77478</td>
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### PROPERTY NUMBERS Total: 7

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### CORRESPONDENCE DATA

- **Fax Number:** (202)861-1783  
  *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:** 2028611687  
- **Email:** Patents@bakerlaw.com, kadkins@bakerlaw.com  
- **Correspondent Name:** BAKER & HOSTETLER LLP  
- **Address Line 1:** WASHINGTON SQUARE, SUITE 1100  
- **Address Line 2:** 1050 CONNECTICUT AVE. N.W.  
- **Address Line 4:** WASHINGTON, D.C. 20036  

**ATTORNEY DOCKET NUMBER:** 057326.000510  
**NAME OF SUBMITTER:** PAUL E. POIROT  
**SIGNATURE:** /PAUL E. POIROT/  
**DATE SIGNED:** 10/05/2016
PATENT ASSIGNMENT

WHEREAS, RADIAL DRILLING SERVICES, INC., a corporation organized and existing under the laws of the state of Texas, and having an address of 4921 Spring Cypress Road, Spring, Texas 77379 (United States of America) (hereinafter referred to as the “Assignor”), is the owner of certain issued patents, pending patent applications, and expired patent applications identified on Schedule A attached hereto (hereinafter referred to as “Assigned Patents”);

WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, a corporation organized and existing under the laws of the state of Texas, and having an address of 300 Schlumberger Drive, Sugar Land, Texas 77478 (United States of America) (hereinafter referred to as “Assignee”); and

WHEREAS, Assignee is desirous of acquiring Assignor’s Assigned Patents.

NOW THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, and on the terms set forth herein, Assignor does hereby sell, assign, set over and transfer to Assignee, its entire right, title and interest in and to the Assigned Patents, including all continuations, continuations-in-part, reissues, reexaminations, divisions or extensions thereof, in all countries around the world, together with the right to claim priority of said applications in all countries in accordance with the International Convention for the Protection of Industrial Property, as it may be amended (the “International Convention”) and the Paris Convention, together with the whole of the goodwill of the business pertaining thereto; the same to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its successors, assigns and other legal representatives, at common law and/or to the end of the term or terms for which letters patent relative to Assignor’s Assigned Patents may be granted, maintained or renewed, as fully and entirely as the same would have been held and enjoyed by Assignor if this Patent Assignment had not been made; together with all claims for damages by reason of past infringement of Assignor’s Assigned Patents with the right to sue for and collect the same for its own use and benefit, and for the use and on behalf of its successors, assigns, all those in privity therewith and/or other legal representatives.

IN WITNESS WHEREOF, the said Assignor and Assignee have hereunto set their hand and affixed their corporate seal as of the date last signed below.
IN WITNESS WHEREOF, the said Assignor and Assignee have hereunto set their hand and affixed their corporate seal as of the date last signed below.

ASSIGNOR

RADIAL DRILLING SERVICES, INC.

By: [Signature]
Name: HENK JERMA
Official Title: PRESIDENT
Date: 9/6/2016

ASSIGNEE

SCHLUMBERGER TECHNOLOGY CORPORATION

By: [Signature]
Name: [Name]
Official Title: GC Testing
Date: 9/2/2016

(Signature page to the RDS Patent Assignment)
SCHEDULE A

Issued Patents


U.S. Patent No. 7,422,059 (U.S. Patent Application No. 11/271,231); entitled “Fluid Injection Stimulated Heavy Oil or Mineral Production System”

U.S. Patent No. 8,770,316 (U.S. Patent Application No. 12/454,515); entitled “Method and Apparatus for High Pressure Radial Pulsed Jetting of Lateral Passages from Vertical to Horizontal Wellbores”


U.S. Patent No. 5,413,184 (U.S. Patent Application No. 08/131,526); entitled “Method of and apparatus for horizontal well drilling”

U.S. Patent No. 5,853,056 (U.S. Patent Application No. 08/624,438); entitled “Method of and apparatus for horizontal well drilling”

U.S. Patent No. 6,125,949 (U.S. Patent Application No. 09/098,623); entitled “Method of and apparatus for horizontal well drilling”