

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEE MORGAN SMITH	08/21/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14835645
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<b>NAME OF SUBMITTER:</b>	WENDY BUSKOP
<b>SIGNATURE:</b>	/WBUSKOP/
<b>DATE SIGNED:</b>	08/25/2015
<b>Total Attachments: 1</b>	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ASSIGNMENT FOR ISSUED PATENTS & PATENT APPLICATIONS**

WHEREAS I, **LEE MORGAN SMITH** ("ASSIGNOR"), an individual, am the owner of the entire right, title, and interest to the United States Patent Application entitled, "**DRILLING RIG WITH BIDIRECTIONAL DUAL ECCENTRIC REAMER**"; and

WHEREAS, **ALASKAN ENERGY RESOURCES, INC.** ("ASSIGNEE"), of **1120 Huffman Road, Suite 234, Anchorage, Alaska 99515 US**, is desirous of acquiring the entire right, title, and interest in and to the Inventions, which includes all continuations, continuation in part, and divisional applications in the United States and foreign countries and the Patents and Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

ASSIGNOR hereby assigns and transfers to ASSIGNEE the entire right, title, and interest in and to the Inventions in the United States and foreign countries and the Patents and Patent Applications, including but not limited to all reissues, divisions, continuations and extensions of the Patents and Patent Applications, all rights of action arising from the Patents and Patent Applications, all claims for damages by reason of past infringement of the Patents and Patent Applications and the right to sue and collect damages for such infringement, to be held and enjoyed by the Assignee for its own use and benefit and for its successors and assigns as the same would have been held by Assignor had this assignment not been made.

ASSIGNOR agrees, for no additional compensation, to cooperate with ASSIGNEE and to execute and deliver all papers, documents, instruments, and assignments as may be necessary to vest all rights, title, and interests in and to the aforesaid materials in ASSIGNEE, including without limitation, any patent applications and the recordation of the assignment with the United States Patent & Trademark Office or any other foreign patent office.

ASSIGNOR hereby warrants that he has read the above assignment prior to its execution, and is fully familiar with the contents thereof.

IN WITNESS HEREOF, with the intent to be legally bound, the ASSIGNOR subscribes to this Assignment.

ASSIGNOR.

Printed Name: Lee Morgan Smith

Signature: Lee M. Smith

Date: 8/21/15

Attorney Docket No.: 2051.013  
Entitled "**DRILLING RIG WITH BIDIRECTIONAL DUAL ECCENTRIC REAMER**"