

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD CROCKETT	06/09/2015
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8573331
<b>CORRESPONDENCE DATA</b>	
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<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	85.0170-1
<b>NAME OF SUBMITTER:</b>	PHILIP W. TOWNSEND, III
<b>SIGNATURE:</b>	/Philip W. Townsend, III/
<b>DATE SIGNED:</b>	06/19/2015
<b>Total Attachments: 1</b>	
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**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS**

WHEREAS, Ronald Crockett, hereinafter called the "Assignor," is an inventor named in United States Patent No. 8,573,331 filed October 29, 2010 and entitled "ROOF MINING DRILL BIT."

WHEREAS, David R. Hall, whose address is 2185 Tracy Hall Parkway, Provo, Utah 84606, hereinafter called the "Assignee" desires to acquire the entire right, title, and interest in and to the invention and the patent identified above, and all patents which may be obtained from said invention.

NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, assigns, and transfers to the Assignee, the entire right, title, and interest in and to the invention and the patent identified above, and any patents that may issue for said invention in the United States and in all other countries together with the entire right, title and interest in all continuations, divisions, renewals and extensions thereof to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees to assist the Assignee, his representatives, successors and assigns, in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this assignment.

IN TESTIMONY WHEREOF, I have duly executed this assignment on this 9 day of June, 2015.

  
Ronald Crockett