

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3450362

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID R. HALL	07/22/2015
RONALD B. CROCKETT	07/22/2015
DWAIN NORRIS	07/22/2015
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<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14806264
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	85.0507
<b>NAME OF SUBMITTER:</b>	PHILIP W. TOWNSEND, III
<b>SIGNATURE:</b>	/Philip W. Townsend, III/
<b>DATE SIGNED:</b>	07/22/2015
<b>Total Attachments: 1</b>	
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**INTELLECTUAL PROPERTY ASSIGNMENT**

WHEREAS, David R. Hall, Ronald B. Crockett and Dwain Norris, hereinafter called the "Assignors," are inventors named in U.S. Patent Application No. ( 14/806,264 ), filed ( July 22, 2015 ), and entitled "End Ring Degradation Pick Support" [Assignors authorize patent practitioners associated with U.S. Patent & Trademark Office Customer Number 54800 to fill in the parentheses above];

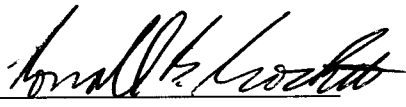
WHEREAS, Novatek IP, LLC, whose address is 2185 Tracy Hall Parkway, Provo, Utah 84606, hereinafter called the "Assignee," desires to acquire the entire right, title, and interest in and to the patent application listed above, and all patents which may be obtained from said application;

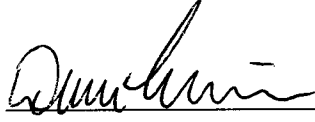
NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors hereby sell, assign, and transfer to the Assignee, the entire right, title, and interest in and to the patent application listed above, any patents that may issue from such patent application in the United States or elsewhere, and all continuations, divisions, renewals and extensions thereof to the full extent of the term or terms for all such patents.

The Assignors hereby covenant and agree to assist the Assignee, his representatives, successors and assigns, in the prosecution of the patent application identified above; in the making and prosecution of any other patents or patent applications that the Assignee may elect to make covering the subject matter of that application; in vesting in the Assignee exclusive title in and to all such other patents and patent applications; and in the prosecution of any interference which may arise involving such patents and patent applications; and the Assignors 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, We have duly executed this Assignment on this 22 day of July, 2015.

  
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David R. Hall

  
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Ronald B. Crockett

  
\_\_\_\_\_  
Dwain Norris