

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4752275

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	GRANT OF A SECURITY INTEREST -- PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
RHINO TECHNOLOGIES LLC	12/27/2017
RECEIVING PARTY DATA	
Name:	CORTLAND CAPITAL MARKET SERVICES LLC
Street Address:	225 W. WASHINGTON ST.
Internal Address:	9TH FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	5755535
Patent Number:	6435778
Patent Number:	7896581
Patent Number:	8277148
Patent Number:	7481603
Patent Number:	7758284
Patent Number:	8807877
Patent Number:	8550751
Patent Number:	D669772
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	015752-0048

PATENT

NAME OF SUBMITTER:	SCOTT KAREFF (015752-0048)
SIGNATURE:	/KC FOR SK/
DATE SIGNED:	12/27/2017
Total Attachments: 5 source=Rhino - Grant of Security Interest - Patents#page1.tif source=Rhino - Grant of Security Interest - Patents#page2.tif source=Rhino - Grant of Security Interest - Patents#page3.tif source=Rhino - Grant of Security Interest - Patents#page4.tif source=Rhino - Grant of Security Interest - Patents#page5.tif	

GRANT OF A SECURITY INTEREST -- PATENTS

This Patent Security Agreement (this "Patent Security Agreement") is made as of December 27, 2017, by Rhino Technologies LLC ("Grantor"), in favor of Cortland Capital Market Services LLC, in its capacity as collateral agent for itself and the other Secured Parties (together with its successors and assigns in such capacity, "Grantee").

WHEREAS, the Grantor holds all right, title and interest in the letter patents, design patents and utility patents listed on the attached Schedule A, which patents are issued or applied for in the United States Patent and Trademark Office (the "Patents");

WHEREAS, the Grantor has entered into a Pledge and Security Agreement, dated December 27, 2017 (as amended, restated, supplemented, modified or otherwise changed from time to time, the "Security Agreement"), in favor of Grantee; and

WHEREAS, pursuant to the Security Agreement, the Grantor has granted to the Grantee for the benefit of the Secured Parties (as defined in the Security Agreement), a continuing security interest in all right, title and interest of the Grantor in, to and under the Patents and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the "Collateral"), to secure the payment, performance and observance of the Secured Obligations (as defined in the Security Agreement).

NOW, THEREFORE, as collateral security for the payment, performance and observance of all of the Secured Obligations, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor does hereby grant to the Grantee and grant to the Grantee for the benefit of the Secured Parties, a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

This Patent Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart by facsimile or electronic mail shall be equally effective as delivery of an original executed counterpart.

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IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the date first set forth above.

RHINO TECHNOLOGIES LLC

By: Richard A. Boone
Name: RICHARD A BOONE
Title: CEO / PRESIDENT

STATE OF Kentucky
COUNTY OF Fayette

On this 20th day of December, 2017, before me personally came Richard A Boone, to me known to be the person who executed the foregoing instrument, and who, being duly sworn by me, did depose and say that s/he is the CEO / President of Rhino Technologies LLC, a Delaware LLC, and that s/he executed the foregoing instrument in the firm name of Rhino Technologies LLC, and that s/he had authority to sign the same, and s/he acknowledged to me that he executed the same as the act and deed of said firm for the uses and purposes therein mentioned.

Annette Neumann
[NOTARY SEAL]

Annette Neumann
Notary Public
State of Large - Kentucky
ID# 524503
My Commission Expires January 6, 2019

SCHEDULE A TO GRANT OF A SECURITY INTEREST

Patents and Patent Applications

<u>Company</u>	<u>Country</u>	<u>Trademark</u>	<u>Application or Registration No.</u>	<u>Filing Date</u>	<u>Registration Date</u>	<u>Assignees</u>
Triad Support Systems, Inc.	United States	Mine Roof Truss System and Related Installation Method	5,755,535	Aug. 19, 1996	May 26, 1998	
Triad Support Systems, Inc.	United States	Cable Truss System and Related Installation Method	6,435,778	Mar. 13, 2000	Aug. 20, 2002	
Rhino Technologies LLC	United States	Re-Tensionable Cable Bolt Apparatus and Related Method	7,896,581	Dec. 2, 2005	Mar. 1, 2011	
	Australia	Re-Tensionable Cable Bolt Apparatus and Related Method	2008362189	Mar. 2, 2011		
	China	Re-Tensionable Cable Bolt Apparatus and Related Method	20080131278.5	Mar. 24, 2011		

<u>Company</u>	<u>Country</u>	<u>Trademark</u>	<u>Application or Registration No.</u>	<u>Filing Date</u>	<u>Registration Date</u>	<u>Assignees</u>
	South Africa	Re-Tensionable Cable Bolt Apparatus and Related Method	2011/01952	Mar. 15, 2011		
Rhino Technologies LLC	United States	Re-Tensionable Cable Bolt Apparatus and Related Method	8,277,148	Feb. 25, 2011	Oct. 2, 2012	
Shelter Technologies, LLC	United States	Tensionable Spiral Bolt with Resin Nut and Related Method	7,481,603	Oct. 7, 2006	Jan. 27, 2009	
	Australia	Tensionable Spiral Bolt with Resin Nut and Related Method	2008352050	Mar. 5, 2008		
	South Africa	Tensionable Spiral Bolt with Resin Nut and Related Method	200880127770.5	Sept. 2, 2010		
	United States	Tensionable Spiral Bolt with Resin Nut and Related Method	2010/06283	Sept. 3, 2010		
Rhino Technologies LLC	United States	Tensionable Spiral Bolt with Resin Nut and Related Method	7,758,284	Nov. 17, 2008	July 20, 2010	

<u>Company</u>	<u>Country</u>	<u>Trademark</u>	<u>Application or Registration No.</u>	<u>Filing Date</u>	<u>Registration Date</u>	<u>Assignees</u>
Rhino Technologies LLC	United States	Tensionable Spiral Bolt with Resin Nut and Related Method	8,807,877	Sept. 21, 2009	Aug. 19, 2014	
DSI Underground Systems, Inc.	United States	Non-Tensionable Cable Bolt Apparatus and Related Method	8,550,751	Aug. 3, 2010	Oct. 8, 2012	
Rhino Technologies LLC	United States	Coated Mine Roof Bolt	D6669,772	Apr. 5, 2011	Oct. 30, 2012	

PATENT

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RECORDED: 12/27/2017