

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2880218

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
HARD ROCK SOLUTIONS, INC.		05/08/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HARD ROCK SOLUTIONS, LLC	
<b>Street Address:</b>	1583 SOUTH 1700, P.O. BOX 1165	
<b>City:</b>	EAST VERNAL	
<b>State/Country:</b>	UTAH	
<b>Postal Code:</b>	84078	
<b>PROPERTY NUMBERS Total: 9</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	61473587	
Application Number:	61542601	
Application Number:	61566079	
Application Number:	13441230	
Application Number:	13442316	
Application Number:	13517870	
Application Number:	13644218	
PCT Number:	US2012032714	
PCT Number:	US2012058573	
<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>		
<b>Phone:</b>	202-570-7380	
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<b>Address Line 1:</b>	1025 THOMAS JEFFERSON ST. NW	
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20007	
<b>ATTORNEY DOCKET NUMBER:</b>	3039.001.US	
<b>NAME OF SUBMITTER:</b>	MICHELLE SAFRO SMITH	

PATENT

<b>SIGNATURE:</b>	/Michelle Safro Smith/
<b>DATE SIGNED:</b>	06/02/2014
<b>Total Attachments: 3</b> source=HardRock_Patent_Assignment#page1.tif source=HardRock_Patent_Assignment#page2.tif source=HardRock_Patent_Assignment#page3.tif	

## IP ASSIGNMENTS

### PATENT ASSIGNMENT

**WHEREAS, Hard Rock Solutions, Inc.**, a Texas corporation (hereinafter the "Assignor") with an address at 4817 Country Farms Drive, Windsor, Colorado 80528, is the owner by assignment from 3cReamers, LLC, a Colorado limited liability company recorded with the U.S. Patent and Trademark Office, of all rights, titles and interests in the patent applications and improvements described therein as listed on Schedule A attached hereto, collectively referred to herein as the "Patent Applications";

**AND, WHEREAS, Hard Rock Solutions, LLC**, a Utah limited liability company having a place of business located at P.O. Box 1165, 1583 South 1700, East Vernal, Utah 84078 (hereinafter the "Assignee"), is desirous of acquiring all rights to the Patent Applications including all patents and patent applications corresponding thereto;

**NOW, THEREFORE**, in view of the receipt of ten U.S. dollars (US\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, Assignor's entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to the Patent Applications including all United States Patent and non-U.S. applications listed on Schedule A, any other United States patent applications corresponding to or claiming priority thereto or therefrom, including any provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said Patent Applications, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid Patent Applications, in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid Patent Applications or any part(s) thereof, and in and to any right of recovery for prior damages due to infringement or misappropriation of the rights under the Patent Applications;

**AND**, Assignor hereby authorizes and requests its agent, Remenick PLLC, whose address is 1025 Thomas Jefferson St., Suite 175, Washington, DC 20007, to make any typographical or grammatical corrections hereto and to insert hereon any identification necessary or desirable for recordation of this document, including the title, filing date and application number of said Patent Applications as know and when necessary;

**AND**, Assignor hereby agrees for itself and for each of Assignor's successors, executors, administrators and/or legal representatives to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said Patent Applications or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to Assignee its interest and title in and to said Patent Applications or any part(s) thereof, and in and to said several patents that may issue from said Patent Applications or any of them;

**AND**, Assignor hereby covenants for itself and Assignor's successors, executors, administrators and/or legal representatives, and agrees with said Assignee, its successors and

assigns, that Assignor has granted no right or license to make, use, sell or offer to sell said Patent Applications, to anyone except said Assignee, that prior to the execution of this assignment, Assignor's rights, title and interest in said Patent Applications had not been otherwise encumbered, and that Assignor has not and will not execute any instrument in conflict therewith;

AND, Assignor does hereby authorize and request the United States Commissioner for Patents to issue any and all Letters Patent which may be granted upon said United States Patent Applications or any part(s) thereof when granted, to said Assignee.

IN WITNESS WHEREOF, Assignor and Assignee have executed this Patent Assignment to be effective May 9, 2014.

ASSIGNOR (Hard Rock Solutions, Inc.)

By: [Signature]  
Name: James D. Isenhour  
Title: President

County of Harrison )  
State of Colorado ) ss:

On this 8th day of May 2014, before me a notary public in and for the county and state aforesaid, personally appeared James D. Isenhour, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(seal)

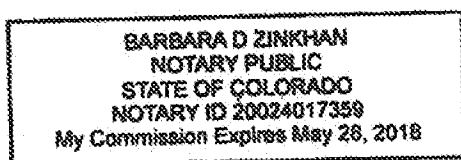
ASSIGNEE (Hard Rock Solutions, LLC)

By: [Signature]  
Name: James D. Isenhour  
Title: President

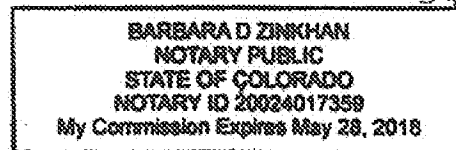
County of Harrison )  
State of Colorado ) ss:

On this 8th day of May 2014, before me a notary public in and for the county and state aforesaid, personally appeared James D. Isenhour, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(seal)



[Signature]  
Notary Public  
my commission expires 5-28-2018



[Signature]  
Notary public  
my commission expires 5-28-2018

PATENT

REEL: 033009 FRAME: 0545

Schedule A

United States Provisional Application No. 61/437,587 entitled "*Method and Apparatus for Reaming Well-Bore Surfaces Nearer the Center of Drift*" filed April 8, 2011;

United States Provisional Application No. 61/542,601 entitled "*Well-Bore Conditioning System*" filed October 3, 2011;

United States Provisional Application No. 61/566,079 entitled "*Well-Bore Conditioning System*" filed December 2, 2012;

United States Patent Application No. 13/441,230 entitled "*Method and Apparatus for Reaming Well-Bore Surfaces Nearer the Center of Drift*" filed April 6, 2012;

United States Patent Application No. 13/442,316 entitled "*Method and Apparatus for Reaming Well-Bore Surfaces Nearer the Center of Drift*" filed April 9, 2012;

United States Patent Application No. 13/517,870 entitled "*Method and Apparatus for Reaming Well-Bore Surfaces Nearer the Center of Drift*" filed June 14, 2012.

United States Patent Application No. 13/644,218 entitled "*Well-Bore Conditioning System*" filed October 3, 2012,

International Application No. PCT/US2012/32714 entitled "*Method and Apparatus for Reaming Well-Bore Surfaces Nearer the Center of Drift*" filed April 9, 2012, and all National Stage Applications corresponding thereto including but not limited to Australian Patent Application No. 2012/364877, Canadian Patent Application No. TBA, Chinese Patent Application No. TBA, European Patent Application No. 12865063.7 and Mexican Patent Application No. Mx/a/2013/011646;

International Application No. PCT/US2012/58573 entitled "*Well-Bore Conditioning System*" filed October 3, 2012, and all National Stage Applications corresponding thereto including but not limited to Argentina Patent Application No. 2012 01 03695, Australian Patent Application No. TBA, Canadian Patent Application No. TBA, Chinese Patent Application No. TBA, European Patent Application No. 12837996.3 and Mexican Patent Application No. Mx/a/2014/003978.

END

PATENT