

## 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>
	AQUASMART ENTERPRISES, LLC	11/25/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SUPERIOR SILICA SANDS, LLC	
<b>Street Address:</b>	6000 WESTERN PLACE, SUITE 465	
<b>City:</b>	FT. WORTH	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	76107	
<b>PROPERTY NUMBERS Total: 4</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15014623	
<b>Application Number:</b>	15011111	
<b>Application Number:</b>	15136352	
<b>Application Number:</b>	15416950	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(816)421-5547	
<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>	8164746550	
<b>Email:</b>	dstrecker@shb.com	
<b>Correspondent Name:</b>	SHOOK, HARDY AND BACON L.L.P.	
<b>Address Line 1:</b>	2555 GRAND BLVD	
<b>Address Line 4:</b>	KANSAS CITY, MISSOURI 64108	
<b>ATTORNEY DOCKET NUMBER:</b>	SSND	
<b>NAME OF SUBMITTER:</b>	ROBERT D. CHISHOLM	
<b>SIGNATURE:</b>	/ROBERT D. CHISHOLM/	
<b>DATE SIGNED:</b>	03/27/2017	
<b>Total Attachments: 4</b>		
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## APPENDIX A

### ASSIGNMENT

Whereas, AQUASMART ENTERPRISES, L.L.C., a limited liability company of the State of Texas, having a principal place of business at 5760 40th Street, Unit B, Lubbock, Texas 79407 ("Assignor"), is the sole owner of the inventions, patents, provisional patent applications, and patent applications listed in Schedule A, with rights to other patent applications later filed hereafter making any claim of priority thereto, as identified in files of client number 3656 of the law firm of PATE BAIRD, PLLC, 36 West Fireclay Ave., Salt Lake City, Utah 84107 (hereinafter collectively called the "Inventions");

Whereas, Assignee, SUPERIOR SILICA SANDS LLC, a limited liability company of the State of Texas, having a principal place of business at 6000 Western Place, Suite 465, Ft. Worth, Texas 76107 ("Assignee"), desires to secure the entire right, title and interest in said inventions, particularly directed to coated substrates as proppants for use in the oil and gas industry (Assignee's field);

Now, therefore, by good and valuable consideration paid to the Assignor by the Assignee, the receipt and sufficiency of which are hereby acknowledged, all pursuant to terms of the Intellectual Property Agreement executed by the Assignor and the Assignee on Nov 25, 2015, Assignor hereby assigns to the Assignee:

The entire right, title and interest in said inventions, in the United States patents and patent applications listed in Schedule A, and in all divisions, continuations and continuations-in-part of said applications, all previously filed provisional applications for which the present applications seek the benefit of an earlier filing date under 35 U.S.C. § 120, all reissues or extensions of Letters Patent or Patents granted thereon, in all corresponding applications filed in countries foreign to the United States, in all patents issuing thereon in the United States and foreign countries, and foreign patent applications on said inventions that may be filed in ASSIGNEE's own name, wherever such right may be legally exercised under any International Convention for such applications.

It is hereby authorized and requested of the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said inventions to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.


It is hereby agreed, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request to make this Assignment fully effective, including, by way of example but not of limitation, the following:


Prompt execution of all original, divisional, continuation-in-part, substitute, reissue, and other United States and foreign patent applications on said

inventions, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said inventions.

This assignment and agreement shall be binding upon heirs and legal representatives of the Assignee.

  
Calder Hendrickson, CEO  
AQUASMART ENTERPRISES, L.L.C.  
5760 40th Street, Unit B  
Lubbock, Texas 79407

  
Richard Shearer, CEO  
SUPERIOR SILICA SANDS, LLC  
6000 Western Place, Suite 465,  
Ft. Worth, Texas 76107

## SCHEDULE A

U.S. Patent No. 7,726,070, issued June 1, 2010, U.S. Patent Application Serial No. 12/324,608, filed November 26, 2008, entitled "HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 8,196,346, issued June 12, 2012, U.S. Patent Application Serial No. 12/565,452, filed September 23, 2009, entitled "DELAYED-ACTIVATION, HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 8,341,881, issued January 1, 2013, U.S. Patent Application Serial No. 12/789,177, filed May 27, 2010, entitled "HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 8,453,377, issued June 4, 2013, U.S. Patent Application Serial No. 12/913,662, filed October 27, 2010, entitled "PLAYING-FIELD, SOIL TREATMENT APPARATUS AND METHOD"

U.S. Patent No. 8,510,986, issued August 20, 2013, U.S. Patent Application Serial No. 13/716,397, filed December 17, 2012, entitled "HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 8,661,729, issued March 4, 2014, U.S. Patent Application Serial No. 13/299,288, filed November 17, 2011, entitled "HYDRAULIC FRACTURE COMPOSITION AND METHOD"

U.S. Patent No. 8,739,464, issued June 3, 2014, U.S. Patent Application Serial No. 13/484,482, filed May 31, 2012, entitled "DELAYED-ACTIVATION, HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 8,881,453, issued November 11, 2014, U.S. Patent Application Serial No. 13/598,135, filed August 29, 2012, entitled "SEED-BORNE SOIL AMENDMENT METHOD AND COMPOSITION"

U.S. Patent No. 8,931,209, issued January 13, 2015, U.S. Patent Application Serial No. 13/599,735, filed August 30, 2012, entitled "SEED-DELIVERED, SOIL-AMENDMENT METHOD AND COMPOSITION"

U.S. Patent No. 8,931,210, issued January 13, 2015, U.S. Patent Application Serial No. 13/970,144, filed August 19, 2013, entitled "HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Patent No. 9,057,014, issued June 16, 2015, U.S. Patent Application Serial No. 13/418,227, filed March 12, 2012, entitled "HYDRAULIC FRACTURE COMPOSITION AND METHOD"

U.S. Publication No. 2014/0243246, U.S. Patent Application Serial No. 14/171,920 filed February 4, 2014, entitled "HYDRAULIC FRACTURE COMPOSITION AND METHOD"

U.S. Publication No. 2014/0298722, U.S. Patent Application Serial No. 14/293,555, filed June 2, 2014, entitled "DELAYED-ACTIVATION, HYDRATION MAINTENANCE APPARATUS AND METHOD"

U.S. Publication No. 2015/0121751, U.S. Patent Application Serial No. 14/594,837, filed January 12, 2015, entitled "SEED DELIVERED, SOIL AMENDMENT METHOD AND COMPOSITION" (Abandoned)

U.S. Publication No. 2015/0143746, U.S. Patent Application Serial No. 14/594,396, filed January 12, 2015, entitled "HYDRATION MAINTENANCE APPARATUS AND METHOD"