

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3711119

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SOANE ENERGY LLC	07/28/2015
RECEIVING PARTY DATA		
Name:	SOANE MINING LLC	
Street Address:	35 SPINELLI PLACE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	
PROPERTY NUMBERS Total: 7		
Property Type	Number	
Application Number:	13675661	
Patent Number:	8353641	
Patent Number:	8557123	
Application Number:	14027621	
Patent Number:	8945394	
Application Number:	14575220	
Application Number:	62054603	
CORRESPONDENCE DATA		
Fax Number:	(978)251-3973	
<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>		
Phone:	(978)251-3509	
Email:	rmeehan@elmorepatents.com	
Correspondent Name:	ELMORE PATENT LAW GROUP, P.C.	
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ATTORNEY DOCKET NUMBER:	4127.1010,1011,1014,1046	
NAME OF SUBMITTER:	MAHREEN CHAUDHRY HODA-REG.#52,448	
SIGNATURE:	/Mahreen Chaudhry Hoda/	
DATE SIGNED:	01/26/2016	

PATENT

Total Attachments: 3

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NOTICE OF PATENT ASSIGNMENT

This Notice of Patent Assignment (this "Patent Assignment") is made effective this 28th day of July, 2015, by and between Soane Energy LLC, a Delaware limited liability company ("Investor") and Soane Mining LLC, a Delaware limited liability company (the "Company").

WHEREAS, Investor and Company are parties to that certain Unit Purchase Agreement, dated as of the date hereof (the "Purchase Agreement"), pursuant to which Investor purchased certain capital units of Company, and conveyed to Company certain intellectual property rights and assets, including Investor's rights in and to the patents and patent applications set forth on Exhibit A attached hereto and incorporated herein by reference (the "Patents"); and

WHEREAS, the execution and delivery of this Patent Assignment is a condition to Closing under the Purchase Agreement.

NOW, THEREFORE, in consideration of the premises set forth above and in the Purchase Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Investor hereby sells, assigns and transfers to Company, its successors, assigns and legal representatives, Investor's entire right, title and interest for all countries in and to: (i) each of the Patents listed in Exhibit A hereof and any patents or patent applications (including non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, renewals, and substitutions) that claim the benefit of or priority to (under United States law and/or international convention) one or more of the Patents listed in Exhibit A; (ii) any and all of the inventions which are disclosed and claimed in the Patents; (iii) any and all of the inventions, which are disclosed, but not claimed in any of the Patents; (iv) all continuations, divisionals, substitutions, renewals, reissues, and all other patents, industrial property or other related property rights in any and all countries which have been or shall be filed on any of the inventions disclosed in any of the Patents; (v) all original and reissued patents, industrial property or related documents, which have been or shall be issued on any such inventions disclosed in any of the Patents; and (vi) all rights to sue and recover for past unlicensed infringements of the Patents.

Investor does hereby authorize the Commissioner of Patents and Trademarks of the United States and the empowered officials of all other governmental and administrative agencies whose duty it is to record issued patents, applications and title thereto, to record the Patents and title thereto as the property of Company, its successors, assigns or legal representatives in accordance with the terms of this instrument..

Investor agrees that, upon reasonable request and without further consideration, at Company's sole cost and expense, Investor will sign all lawful papers, make all rightful oaths and generally assist Company in perfecting and recording titles to the Patents listed in Exhibit A throughout the world. Company shall bear all responsibility and expense for preparing any instrument of assignment or transfer from Investor to Company and for recording the same, any fee or tax levied thereon, and all prosecution and maintenance costs incurred with respect to the Patents.

This Patent Assignment may be executed in two or more counterparts (including by facsimile or other electronic transmission), each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

[Signature page follows]

IN WITNESS WHEREOF, Investor and Company have caused this Patent Assignment to be executed by their duly authorized representatives as of the date first written above.

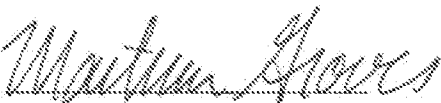
Investor:

Company:

SOANE ENERGY LLC

SOANE MINING LLC

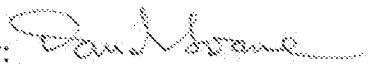
By:



Name: Martha Groves

Title: Chief Financial Officer

By:



Name: David S. Soane

Title: Chief Executive Officer

Exhibit A

Patents

Family	Title/Effective Date	Country	Serial #	Status
ATA-1: Basic Technology	Systems and Methods for Removing Finely Dispersed Particulate Matter from a Fluid Stream			
	<i>Earliest effective filing date: 2/14/08</i>	US	8353641	Issued
	<i>Ref: US Provisional 61/028,717 (exp)</i>	US	13/675661	Pending
		Canada	2653582	Issued
		Canada	2740123	Issued
		Australia	2009215102	Issued
		Australia	2011211333	Issued
		Australia	2013200441	Issued
		Brazil	PI0905921	Pending
		China	09-80109058.7	Issued
		Europe	9709653.1	Pending
		Mexico	10/008953	Issued
ATA-2: Improved Chemistry	Methods for Removing Finely Dispersed Particulate Matter from a Fluid Stream			
	<i>Earliest effective filing date: 2/27/09</i>	US	8557123	Issued
	<i>Ref: US Provisional 61/156,321 (exp)</i>	US	14/027,621	Pending
		Australia	2009341089	Issued
		Brazil	PI0923988-0	Pending
		China	2009-80158899.7	Issued
		Europe	9840940.2	Pending
		Mexico	11/008780	Pending
ATA-3: Processes and Systems	Systems, Methods, Processes and Apparatus for Removing Finely Dispersed Particulate Matter from a Fluid Stream			
	<i>Earliest effective filing date: 10/27/09</i>	US	8945394	Issued
	<i>Ref: US Provisional 61/225,155(exp)</i>	US	14/575,220	Pending
		Canada	2711983	Pending
		AU	2010315482	Issued
SAGD	Water Treatment by Catalytic Seeding Process			
	<i>Filing date: 9/24/14</i>	US	62/054,603	Provisional