

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6247637

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ABDELMOUNAM SHERIK	08/11/2020
EHAB ELSAADAWY	08/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAUDI ARABIAN OIL COMPANY
<b>Street Address:</b>	1 EASTERN AVENUE
<b>City:</b>	DHAHRAN
<b>State/Country:</b>	SAUDI ARABIA
<b>Postal Code:</b>	31311
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16991881
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)288-0023
<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>	914-288-0022
<b>Email:</b>	uspto@leasonellis.com
<b>Correspondent Name:</b>	LEASON ELLIS LLP
<b>Address Line 1:</b>	ONE BARKER AVENUE
<b>Address Line 2:</b>	FIFTH FLOOR
<b>Address Line 4:</b>	WHITE PLAINS, NEW YORK 10601-1526
<b>ATTORNEY DOCKET NUMBER:</b>	00501/008724-US0
<b>NAME OF SUBMITTER:</b>	SAMANTHA CHAN
<b>SIGNATURE:</b>	/Samantha Chan/
<b>DATE SIGNED:</b>	08/12/2020
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

I, Abdelmounam Sherik, having a residence of Dhahran, Saudi Arabia; and  
I, Ehab Elsaadawy, having a residence of Dhahran, Saudi Arabia

(hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to the ASSIGNOR by

Saudi Arabian Oil Company

a Corporation having a place of business at 1 EASTERN AVENUE, DHAHRAN, SAUDI ARABIA 31311 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**LABORATORY APPARATUS AND METHOD TO MEASURE BLACK POWDER  
PARTICLE DISLODGMET AND ENTRAINMENT VELOCITIES AND SOLIDS  
LOADING**

invented by me and described in the above title and docket number in the United States of America; and all non-provisional applications claiming priority thereto and all divisions, renewals and continuations of any thereof and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and

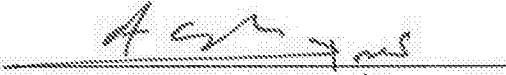
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affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Signature of Inventor:  08/11/2020  
Abdelmounam Sherik Date

Signature of Inventor:  08/11/2020  
Ehab Elsaadawy Date

**ACCEPTANCE BY ASSIGNEE**

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of **Saudi Arabian Oil Company**. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

I am an officer of the above-identified ASSIGNEE.

I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors.

and that all the foregoing is true and correct.

Dated: August 11, 2020

By: 

Name: Kwadjo S. Adusei-Poku

Title: IP Counsel, Practice Area Leader  
Law Organization