

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4697243

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KARL MASLO LUNA	11/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXSA S.A.
<b>Street Address:</b>	LAS BEGONIAS STREET
<b>Internal Address:</b>	12 FLOOR
<b>City:</b>	LIMA
<b>State/Country:</b>	PERU
<b>Postal Code:</b>	27
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15814598
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	hla@polsinelli.com
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<b>Address Line 1:</b>	900 WEST 48TH PLACE
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<b>ATTORNEY DOCKET NUMBER:</b>	092170-581472
<b>NAME OF SUBMITTER:</b>	PETER G. THURLOW
<b>SIGNATURE:</b>	/Peter G. Thurlow/
<b>DATE SIGNED:</b>	11/20/2017
<b>Total Attachments: 2</b>	
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source=092170_581472_Executed_Assignment#page2.tif	

**ASSIGNMENT**

WHEREAS, I, **Karl Maslo LUNA**, a citizen of Peru, with the mailing address of Las Begonias street, 12 floor, Lima 27, Peru, is the inventor of the invention in **BULK PUMPABLE GRANULATED EXPLOSIVE MIX** for which I have filed an application for a Patent in the United States:

-which is identified by Polsinelli Docket No. 092170-581472

-which was filed on November 16, 2017, Application No. 15/814,598

and WHEREAS, by **EXSA S.A.**, ASSIGNEE, Las Begonias street, 12 floor, Lima 27, Peru, is desirous of obtaining our entire right, title, and interest in, to and under the said invention and the said invention.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;



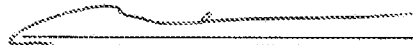
AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set our hands and seals the day and year set opposite my signature.

Date: November 16<sup>th</sup>, 2017



Karl Masio LUNA

L.S.

