## 505122054 10/02/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL D. LANUM	10/02/2018
SCOTT MCMAHON	10/02/2018

#### **RECEIVING PARTY DATA**

Name:	JOY GLOBAL SURFACE MINING INC	
Street Address:	4400 W. NATIONAL AVENUE	
City:	MILWAUKEE	
State/Country:	WISCONSIN	
Postal Code:	53214	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16123487

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	043020-9287-US02	
NAME OF SUBMITTER:	JASON P. MUTH	
SIGNATURE:	/jpm/	
DATE SIGNED:	10/02/2018	

### **Total Attachments: 2**

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PATENT 505122054 REEL: 047036 FRAME: 0033

#### ASSIGNMENT

Pursuant to our obligation to Joy Global Surface Mining Inc (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

4400 W. National Avenue Milwaukee, WI 53214

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Michael D. Lanum 6714 21st Avenue Kenosha, WI 53143

Scott McMahon 2510 N 81st ST Wauwatosa, WI 53213

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to inventions described in a patent application titled "LUBRICATION SYSTEM FOR A COMPRESSOR" for which we filed United States Patent Application No. 16/123,487 (Atty. File No. 043020-9287-US02) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 62/554,838, filed September 6, 2017 (hereinafter the "U.S. provisional patent application") (Atty. File No. 043020-9287-US01);
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent application, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

PATENT REEL: 047036 FRAME: 0034 We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Michael D. Lanum

10/2/2018

Date Scott McMahon