

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|-----------------------|---------------|-----------------------|---------------------|-----------------------|--------------------|------------|------------|------------|----------------|----------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph J. Zimmerman</td> <td>01/11/2013</td> </tr> <tr> <td>David Kevin Herdle</td> <td>01/11/2013</td> </tr> <tr> <td>Tyler Good</td> <td>01/11/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Joseph J. Zimmerman | 01/11/2013 | David Kevin Herdle | 01/11/2013 | Tyler Good | 01/11/2013 | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| Joseph J. Zimmerman | 01/11/2013 | | | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Joy MM Delaware, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2751 Centerville Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 342</td> </tr> <tr> <td>City:</td> <td>Wilmington</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19808</td> </tr> </table> | | Name: | Joy MM Delaware, Inc. | Street Address: | 2751 Centerville Road | Internal Address: | Suite 342 | City: | Wilmington | State/Country: | DELAWARE | Postal Code: | 19808 |
| Name: | Joy MM Delaware, Inc. | | | | | | | | | | | | |
| Street Address: | 2751 Centerville Road | | | | | | | | | | | | |
| Internal Address: | Suite 342 | | | | | | | | | | | | |
| City: | Wilmington | | | | | | | | | | | | |
| State/Country: | DELAWARE | | | | | | | | | | | | |
| Postal Code: | 19808 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13739368</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13739368 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13739368 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: 4142770656 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 414-271-6560 Email: mkeipdocket@michaelbest.com Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (Mke) Address Line 1: 100 E WISCONSIN AVENUE Address Line 2: Suite 3300 Address Line 4: MILWAUKEE, WISCONSIN 53202</p> | | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Thomas A. Miller | | | | | | | | | | | | |
| <p>Total Attachments: 2 source=12382918_051077-9144-US04_Executed_Assignment_-_as_filed#page1.tif source=12382918_051077-9144-US04_Executed_Assignment_-_as_filed#page2.tif</p> | | | | | | | | | | | | | |

PATENT

ASSIGNMENT

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

2751 Centerville Road
Suite 342
Wilmington, DE 19808

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

Joseph J. Zimmerman
1054 State Route 427
Franklin, PA 16323

David Kevin Herdle
235 Evergreen Drive
Franklin, PA 16323

Tyler Good
15865 Pleasant Valley Drive
Pleasantville, PA 16341

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 "CONTINUOUS-EXTRACTION MINING SYSTEM" for which we filed United States Patent Application No. 13/739,368, (Atty. File No. 051077-9144-US04) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/362,949, filed July 9, 2010 and United States Provisional Patent Application No. 61/435,121, filed January 21, 2011 (hereinafter the "U.S. provisional patent applications");

(2) in and to the U.S. utility patent application, and the U.S. provisional patent applications, 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 applications, 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 the U.S. utility patent application and the U.S. provisional patent applications.

We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. 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.

1-11-13
Date

Joseph J. Zimmerman
Joseph J. Zimmerman

11 JAN 2013
Date

David Kevin Herdle
David Kevin Herdle

1/11/13
Date

Tyler Good
Tyler Good