

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Persistence Jokonya</td> <td>09/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Persistence Jokonya	09/07/2012
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Persistence Jokonya	09/07/2012				
RECEIVING PARTY DATA					
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>13566544</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13566544
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Application Number:	13566544				
CORRESPONDENCE DATA					
Fax Number:	4142770656				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
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ATTORNEY DOCKET NUMBER:	051077-9192-US01				
NAME OF SUBMITTER:	Molly S. Lawson				
Total Attachments: 2 source=12005095_051077-9192-US01_Executed_Assignment_-_as_filed#page1.tif source=12005095_051077-9192-US01_Executed_Assignment_-_as_filed#page2.tif					

CH \$40.00 13566544

ASSIGNMENT

Pursuant to my 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, I:

Persistence Jokonya
48 Condere Estate, Bergrivier Drive
Terenure, 1619
South Africa

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

(1) in and to inventions described in a patent application titled "AUTOMATED FIND-FACE OPERATION OF A MINING MACHINE" for which I filed United States Patent Application No. 13/566,544 (Atty. File No. 051077-9192-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/514,542, filed August 3, 2011, United States Provisional Patent Application No. 61/514,543, filed August 3, 2011 and United States Provisional Patent Application No. 61/514,566, filed August 3, 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 my Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent applications.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, 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 me.

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

07 SEPTEMBER 2012

Date



Persistence Jokonya