

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5943773

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|---|------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PETER A. LUGG | 12/05/2017 |
| GEOFFREY W. KEECH | 12/05/2017 |
| STUART REEVES | 12/05/2017 |
| NAGY DAHER | 12/09/2017 |
| 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 | |
| Property Type | Number |
| Application Number: | 16780607 |
| CORRESPONDENCE DATA | |
| Fax Number: | (414)277-0656 |
| <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> | |
| Phone: | 4142716560 |
| 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 |
| ATTORNEY DOCKET NUMBER: | 051077-9679-US02 |
| NAME OF SUBMITTER: | BRIAN J. MARSTALL |
| SIGNATURE: | /bjm/ |
| DATE SIGNED: | 02/03/2020 |
| Total Attachments: 4 | |

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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, Delaware 19808

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

Peter A. Lugg
4 Bunowen St.
Ferry Grove
Queensland 4055
Australia

Geoffrey W. Keech
15 Genevieve Court
Wellington Point
Queensland 4180
Australia

Stuart Reeves
8/20 Church St
North Wollongong 2500
Australia

Nagy Daher
665 Punchbowl Rd.
Punchbowl
New South Wales 2196
Australia

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 "MACHINE SUPPORTING ROCK CUTTING DEVICE" for which we filed United States Patent Application No. 15/712,452 (Atty. File No. 051077-9679-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 62/398744, filed September 23, 2016, United States Provisional Patent Application No. 62/398717, filed September 23, 2016 and United States Provisional Patent Application No. 62/398834, filed September 23, 2016 (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 either or both of the U.S. utility patent application and the U.S. provisional patent applications.

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.

5/12/17
Date

P.A. Lugg
Peter A. Lugg

5/12/2017
Date

G. W. Keech
Geoffrey W. Keech

5/12/17
Date

Stee
Stuart Reeves

Date

Nagy Daher

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Date

Peter A. Lugg

Date

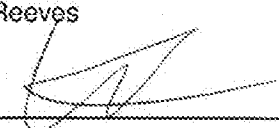
Geoffrey W. Keech

Date

Stuart Reeves

9 Dec 2017

Date



Nagy Daher