503329817 06/01/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW L. GROSS	05/26/2015
NICHOLAS VOELZ	05/26/2015
RICHARD NICOSON	05/26/2015
JOSEPH J. COLWELL	05/26/2015

RECEIVING PARTY DATA

Name:	HARNISCHFEGER TECHNOLOGIES, 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:	14726995

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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.

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

ATTORNEY DOCKET NUMBER: 043020-9203-US01		
NAME OF SUBMITTER:	BENJAMIN E EVANS	
SIGNATURE:	/benjamin e evans/	
DATE SIGNED:	06/01/2015	
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Total Attachments: 2

PATENT REEL: 035755 FRAME: 0302

EPAS ID: PAT3376435

> PATENT REEL: 035755 FRAME: 0303

ASSIGNMENT

Pursuant to our obligation to Hamischfeger Technologies, 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:

Matthew L. Gross 1930 S. 96th Street West Allis, WI 53227

Nicholas Voelz 825 S. 123rd Street West Allis, WI 53214

Richard Nicoson 783 Ridge View Drive Hartford, WI 53027

Joseph J. Colwell 1341 Ney A Ti Court Hubertus, WI 53033

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 "DIPPER FOR A MINING SHOVEL" for which we filed United States Patent Application No. 14/726,995, (Atty. File No. 043020-9203-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 62/006,451, filed June 2, 2014 (hereinafter the "U.S. provisional patent application") (Atty. File No. 043020-9203-US00);
- (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

PATENT REEL: 035755 FRAME: 0304 (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 the U.S. utility patent application and the U.S. provisional patent application.

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.

\$/26/15	Madka J. Gag
Date	Matthew L. Gross
5/26/15	2/1/2
Date	Nicholas Voelz
5/26/15	July Thrance
Date	Richard Nicoson
5/26/15	
Date	Joseph J. Colwell