

PATENT ASSIGNMENT

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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>Kenneth J. Daniel</td> <td>02/12/2013</td> </tr> <tr> <td>Jose Torres</td> <td>02/13/2013</td> </tr> <tr> <td>Mark Emerson</td> <td>02/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth J. Daniel	02/12/2013	Jose Torres	02/13/2013	Mark Emerson	02/19/2013
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Kenneth J. Daniel	02/12/2013								
Jose Torres	02/13/2013								
Mark Emerson	02/19/2013								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13743894</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13743894				
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Application Number:	13743894								
CORRESPONDENCE DATA									
Fax Number:	4142776560								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	4142716560								
Email:	mkeipdocket@michaelbest.com								
Correspondent Name:	Michael Best & Friedrich LLP								
Address Line 1:	100 E Wisconsin Avenue								
Address Line 2:	Suite 3300								
Address Line 4:	MILWAUKEE, WISCONSIN 53202								
ATTORNEY DOCKET NUMBER:	043020-9113-US02								
NAME OF SUBMITTER:	Kevin P. Rizzuto								
Signature:	/kevin p. rizzuto/								

PATENT

Date:

05/16/2013

Total Attachments: 6

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ASSIGNMENT

Pursuant to our obligation to Harnischfeger Technologies, 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:

Kenneth J. Daniel
1014 Gracewood Drive
Libertyville, IL 60048

Jose Torres
21 de mayo 1486 dpto. 301
Antofagasta
Chile

Mark Emerson
N97 W17073 Cheyenne Court
Germantown, WI 53022

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 "A SYSTEM AND METHOD FOR VIBRATION MONITORING OF A MINING MACHINE " for which we filed United States Patent Application No. 13/743,894 (Atty. File No. 043020-9113-US02) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/587,890, filed January 18, 2012 and United States Provisional Patent Application No. 61/594,234, filed February 2, 2012 (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.

2/12/13
Date

Kenneth J. Daniel
Kenneth J. Daniel

Date

Jose Torres

Date

Mark Emerson

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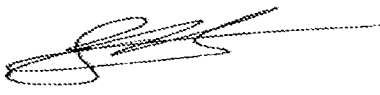
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13 - 02 - 2013

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Jose Torres

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Date

Kenneth J. Daniel

Date

Jose Torres

Feb. 19, 2013
Date

Mark Emerson
Mark Emerson