

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

ETAS ID: TM480075

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	MERGER		
<b>EFFECTIVE DATE:</b>	04/30/2018		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Harnischfeger Technologies, Inc.		04/30/2018	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Joy Global Surface Mining Inc		
<b>Street Address:</b>	4400 W. National Avenue		
<b>City:</b>	Milwaukee		
<b>State/Country:</b>	WISCONSIN		
<b>Postal Code:</b>	53214		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 11</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	1923310	OPTIMA	
<b>Registration Number:</b>	4080997	GRADIAL TUB	
<b>Registration Number:</b>	0409963	P & H	
<b>Registration Number:</b>	1058988	P & H	
<b>Registration Number:</b>	3747574	PREVAIL	
<b>Registration Number:</b>	3961941	SNUBRITE	
<b>Registration Number:</b>	4101169	CENTURION	
<b>Registration Number:</b>	4530544	PROMANUAL	
<b>Registration Number:</b>	4490445	P&H	
<b>Registration Number:</b>	4637317	P&H	
<b>Registration Number:</b>	5443563	HAWKEYE	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	3126165700		
<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>			
<b>Phone:</b>	3126165600		
<b>Email:</b>	trademark@leydig.com		
<b>Correspondent Name:</b>	Tamara A. Miller		

CH \$290.00 1923310

<b>Address Line 1:</b>	Two Prudential Plaza, 180 N. Stetson Ave
<b>Address Line 2:</b>	Suite 4900
<b>Address Line 4:</b>	Chicago, ILLINOIS 60601

<b>NAME OF SUBMITTER:</b>	Tamara A. Miller
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<b>SIGNATURE:</b>	/Tamara A. Miller/
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<b>DATE SIGNED:</b>	06/29/2018
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**Total Attachments: 4**

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# Delaware

The First State

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I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"HARNISCHFEGGER TECHNOLOGIES, INC.", A DELAWARE CORPORATION, WITH AND INTO "JOY GLOBAL SURFACE MINING INC" UNDER THE NAME OF "JOY GLOBAL SURFACE MINING INC", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 2018, AT 1:39 O`CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in black ink, appearing to read "JBullock", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

776210 8100M  
SR# 20183158645

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 202605320  
Date: 04-30-18

**TRADEMARK**  
**REEL: 006368 FRAME: 0689**

CERTIFICATE OF MERGER  
OF  
HARNISCHFEGER TECHNOLOGIES, INC.  
AND  
JOY GLOBAL SURFACE MINING INC

Adopted in accordance with the  
provisions of Section 251 of the  
General Corporation Law of the  
State of Delaware

It is hereby certified that:

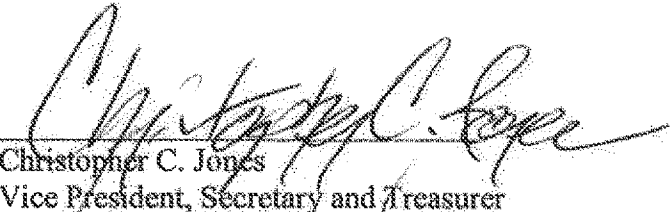
1. The constituent business corporations participating in the merger herein certified are:
  - (i) Harnischfeger Technologies, Inc., which is incorporated under the laws of the State of Delaware; and
  - (ii) Joy Global Surface Mining Inc, which is incorporated under the laws of the State of Delaware.
2. An Agreement of Merger has been approved, adopted, certified, executed and acknowledged by each of the aforesaid constituent corporations in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware, to wit, by Harnischfeger Technologies, Inc. and Joy Global Surface Mining Inc, in the same manner as provided in Section 251 of the General Corporation Law of the State of Delaware.
3. The surviving corporation in the merger herein certified is Joy Global Surface Mining Inc, which will continue its existence as said surviving corporation upon the effective date of said merger pursuant to the provisions of the General Corporation Law of the State of Delaware.
4. The Certificate of Incorporation of Joy Global Surface Mining Inc shall be the Certificate of Incorporation of said surviving corporation until amended and changed pursuant to the provisions of the General Corporation Law of the State of Delaware.
5. The executed Agreement of Merger between the aforesaid constituent corporations is on file at the principal place of business of the aforesaid surviving corporation, the address of which is as follows:

Joy Global Surface Mining Inc  
4400 W. National Avenue  
Milwaukee, Wisconsin 53214

6. A copy of the aforesaid Agreement of Merger will be furnished by the aforesaid surviving corporation on request, and without cost, to any stockholder of each of the aforesaid constituent corporations.

Executed on this 30<sup>th</sup> day of April, 2018

HARNISCHFEGGER TECHNOLOGIES, INC.

  
Christopher C. Jones  
Vice President, Secretary and Treasurer

JOY GLOBAL SURFACE MINING INC

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Michael McClanahan  
Vice President

Joy Global Surface Mining Inc  
4400 W. National Avenue  
Milwaukee, Wisconsin 53214

6. A copy of the aforesaid Agreement of Merger will be furnished by the aforesaid surviving corporation on request, and without cost, to any stockholder of each of the aforesaid constituent corporations.


Executed on this 30<sup>th</sup> day of April, 2018

HARNISCHFEGGER TECHNOLOGIES, INC.

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Christopher C. Jones  
Vice President, Secretary and Treasurer

JOY GLOBAL SURFACE MINING INC



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Michael McClanahan  
Vice President