

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

ETAS ID: TM405009

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
U.S. BANK NATIONAL ASSOCIATION		11/09/2016	National Banking Association: UNITED STATES
RECEIVING PARTY DATA			
Name:	HORSEHEAD CORPORATION		
Street Address:	4955 STEUBENVILLE PIKE, SUITE 405		
City:	Pittsburgh		
State/Country:	PENNSYLVANIA		
Postal Code:	15205		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Registration Number:	1834219	ECOLOAM	
Registration Number:	3573990	ECOTITE	
Registration Number:	0521196	FLORENCE	
Registration Number:	0544503	FLORENCE	
Serial Number:	85544605	HORSEHEAD	
Registration Number:	3511090	HORSEHEAD CORPORATION LEADING THE WORLD	
Registration Number:	0174809	KADOX	
Registration Number:	0534629	XX	
Registration Number:	1033496	ZINSTABE	
Registration Number:	2798379	ZINVISIBLE	
CORRESPONDENCE DATA			
Fax Number:	2128721002		
<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:	212-872-1071		
Email:	tthreadcraft@akingump.com, kkoehler@akingump.com		
Correspondent Name:	Tiffany Threadcraft		
Address Line 1:	Akin Gump One Bryant Park		
Address Line 4:	New York, NEW YORK 10036		

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NAME OF SUBMITTER:	Kwan Koehler
SIGNATURE:	/Kwan Koehler/
DATE SIGNED:	11/09/2016
Total Attachments: 3 source=releases of sec interest in trademark collateral#page1.tif source=releases of sec interest in trademark collateral#page2.tif source=releases of sec interest in trademark collateral#page3.tif	

**RELEASE OF SECURITY INTEREST IN
TRADEMARK COLLATERAL**

This RELEASE, dated as of November 9, 2016, is made by U.S. BANK NATIONAL ASSOCIATION, as collateral agent for the Indenture Holders (the "Collateral Agent") in favor of HORSEHEAD CORPORATION, a Delaware corporation (the "Grantor"). Capitalized terms used but not defined herein shall have the meanings assigned to them in the Security Agreement, dated July 26, 2012 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), by and among the Grantor and certain of its affiliates, as other grantors party thereto, and Collateral Agent.

WITNESSETH

WHEREAS, the Grantor and the Collateral Agent are parties to the Security Agreement;

WHEREAS, pursuant to the Security Agreement, (i) the Grantor executed the Trademark Security Agreement dated July 26, 2012 and recorded with the USPTO on July 27, 2012 at Reel/Frame No. 4830/0522 (the "Trademark Security Agreement"), pursuant to which the Grantor pledged and granted to the Collateral Agent a Lien on and security interest in and to all of their right, title and interest in, to and under the Trademark Collateral (as defined in the Trademark Security Agreement);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent agrees as follows:

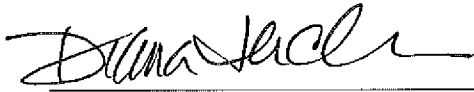
The Collateral Agent hereby TERMINATES, without recourse, representation or warranty the Trademark Security Agreement, and RELEASES and REASSIGNS, without recourse, representation or warranty its security interest in the Trademark Collateral, including the trademark registrations and applications set forth in Schedule I, attached hereto and incorporated herein by reference.

The Collateral Agent agrees to provide the Grantor with any additional authorization reasonably necessary to effect the release of the Collateral Agent's security interest in the Trademark Collateral.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be duly executed and delivered as of the date first written above.

U.S. BANK NATIONAL ASSOCIATION,
as Collateral Agent

By: 
Name: Diana Jacobs
Title: Vice President

SCHEDULE I

to

RELEASE OF SECURITY INTEREST IN TRADEMARK COLLATERAL**UNITED STATES TRADEMARK REGISTRATIONS AND APPLICATIONS**

Trademark	Reg. Date (Ser. Date)	Reg. No. (Ser. No.)	Owner	Status
ECOLOAM	5/3/1994	1,834,219	Horsehead Corporation	Registered
ECOTITE	2/10/2009	3,573,990	Horsehead Corporation	Registered
FLORENCE	2/21/1950	521,196	Horsehead Corporation	Registered
FLORENCE	7/3/1951	544,503	Horsehead Corporation	Registered
HORSEHEAD	(2/16/2012)	(85/544,605)	Horsehead Corporation	Pending
HORSEHEAD CORPORATION LEADING THE WORLD IN ZINC RECYCLING and Design	10/7/2008	3,511,090	Horsehead Corporation	Registered
KADOX	10/23/1923	174,809	Horsehead Corporation	Registered
XX	12/12/1950	534,629	Horsehead Corporation	Registered
ZINSTABE	2/17/1976	1,033,496	Horsehead Corporation	Registered
ZINVISIBLE	12/23/2003	2,798,379	Horsehead Corporation	Registered