

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|----------------------------------|--|-----------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | CHANGE OF NAME | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Horsehead Corp. | | 06/30/2006 | CORPORATION: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | Horsehead Corporation | | |
| Street Address: | 4955 Steubenville Pike | | |
| Internal Address: | Suite 405 | | |
| City: | Pittsburgh | | |
| State/Country: | PENNSYLVANIA | | |
| Postal Code: | 15205 | | |
| Entity Type: | CORPORATION: DELAWARE | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 2798379 | ZINVISIBLE | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | (412)261-0915 | | |
| | <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | |
| Phone: | (412) 263-4340 | | |
| Email: | ipgroup@pietragallo.com | | |
| Correspondent Name: | Alan G. Towner | | |
| Address Line 1: | 301 Grant Street | | |
| Address Line 2: | One Oxford Centre, 38th Floor | | |
| Address Line 4: | Pittsburgh, PENNSYLVANIA 15219 | | |
| ATTORNEY DOCKET NUMBER: | ZCA-65655 | | |
| NAME OF SUBMITTER: | Alan G. Towner | | |
| Signature: | /Alan G. Towner/ | | |

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**TRADEMARK
 REEL: 004230 FRAME: 0137**

Date:

06/23/2010

Total Attachments: 3

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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "HORSEHEAD CORP.", CHANGING ITS NAME FROM "HORSEHEAD CORP." TO "HORESEHEAD CORPORATION", FILED IN THIS OFFICE ON THE TWENTY-FIFTH DAY OF JULY, A.D. 2006, AT 5:11 O'CLOCK P.M.

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



3661061 8100

060700800

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4927183

DATE: 07-25-06

TRADEMARK
REEL: 004230 FRAME: 0139

State of Delaware
Secretary of State
Division of Corporations
Delivered 05:11 PM 07/25/2006
FILED 05:11 PM 07/25/2006
SRV 060700800 - 3661061 FILE

**CERTIFICATE OF AMENDMENT
TO
CERTIFICATE OF INCORPORATION
OF
HORSEHEAD CORP.**

* * * * *
*Adopted in accordance with the provisions of §242 the
General Corporation Law of the State of Delaware*

The undersigned, being the President and Chief Executive Officer of Horsehead Corp., a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), DOES HEREBY CERTIFY as follows:

FIRST: The Board of Directors of the Corporation adopted the resolution set forth below proposing an amendment to the Certificate of Incorporation of the Corporation (the "Amendment") and directed that the Amendment be submitted to the sole holder of the issued and outstanding shares of capital stock of the Corporation entitled to vote thereon for its consideration and approval:

"RESOLVED, that the Certificate of Incorporation of the Corporation be, and hereby is, amended in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware by deleting Article One thereof in its entirety and substituting therefor Article One to read in full as follows:

ARTICLE ONE

The name of the Corporation is Horsehead Corporation."

SECOND: In accordance with Section 228 and Section 242 of the General Corporation Law of the State of Delaware, the Amendment was duly approved and adopted pursuant to a written consent signed by the sole holder of the issued and outstanding shares of capital stock entitled to vote thereon of the Corporation.

IN WITNESS WHEREOF, the undersigned does hereby certify under penalties of perjury that this Certificate of Amendment to the Certificate of Incorporation of the Corporation is the act and deed of the undersigned and the facts stated herein are true and accordingly has hereunto set his hand this 30th day of June, 2006.

Horsehead Corp.
a Delaware corporation

By:

James M. Henster
Name: JAMES M. HENSTER
Title: President & CEO