

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald L. Barrett	08/30/2013
RECEIVING PARTY DATA	
Name:	NORTH AMERICAN REFRACTORIES COMPANY
Street Address:	400 FAIRWAY DRIVE
Internal Address:	CHERRINGTON CORPORATE CENTER
City:	MOON TOWNSHIP
State/Country:	PENNSYLVANIA
Postal Code:	15108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14019648
CORRESPONDENCE DATA	
Fax Number:	4406841095
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4406841090
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Correspondent Name:	KUSNER & JAFFE
Address Line 1:	6150 Parkland Boulevard, Suite 105
Address Line 2:	Paragon Center II
Address Line 4:	Mayfield Heights, OHIO 44124
ATTORNEY DOCKET NUMBER:	NR10442US
NAME OF SUBMITTER:	Mark Kusner
Signature:	/mark kusner/
Date:	09/06/2013
Total Attachments: 2 source=NR10442US-ASSIGN#page1.tif source=NR10442US-ASSIGN#page2.tif	

OP \$40.00 14019648

**Practitioner's Docket No. NR10442US**

**PATENT**

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventor

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Ronald L. Barrett  
111 Cornetti Road  
Fenelton, Pennsylvania 16034  
Citizenship: US

hereby sells, assigns and transfers to

**ASSIGNEE:**

North American Refractories Company  
Cherrington Corporate Center  
400 Fairway Drive  
Moon Township, Pennsylvania 15108  
An Ohio Corporation

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**REFRACTORY COMPONENT FOR LINING A METALLURGICAL VESSEL**

and which is found in (37 C.F.R. §3.21) U.S. patent application executed on even date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

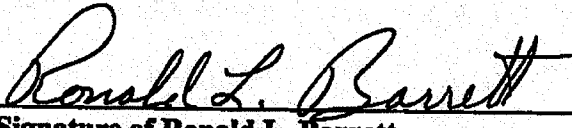
ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR(S) hereby grant(s) the firm of Kusner & Jaffe the power to insert or complete on this assignment document any information, including application number and filing date, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

I have hereunto set hand on the date set forth below.

Date: 8-30-2013

  
Signature of Ronald L. Barrett