

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Joseph A Douthett	04/05/2013
Shannon K Craycraft	04/05/2013
RECEIVING PARTY DATA	
Name:	AK Steel Properties, Inc.
Street Address:	9227 Centre Pointe Drive
City:	West Chester
State/Country:	OHIO
Postal Code:	45069
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13855439
CORRESPONDENCE DATA	
Fax Number:	5136516981
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 2:	301 East Fourth Street
Address Line 4:	Cincinnati, OHIO 45202
ATTORNEY DOCKET NUMBER:	1606001/0374644
NAME OF SUBMITTER:	Ann G. Schoen
Signature:	/Ann G. Schoen/
Date:	04/12/2013
Total Attachments: 3 source=AssignmentAKA2794#page1.tif source=AssignmentAKA2794#page2.tif source=AssignmentAKA2794#page3.tif	

OP \$40.00 13855439

ASSIGNMENT

The undersigned (hereinafter "Assignor") of the residence(s) indicated below are the inventor(s) of certain invention(s) and embodiment(s) thereof (hereinafter collectively the "Invention") described in a United States Patent Application Serial Number 13/855,439, filed on April 2, 2013 titled Cost-effective Ferritic Stainless Steel (hereinafter the "Application").

AK Steel Properties, Inc., a corporation having a principal place of business at 9227 Centre Pointe Drive, West Chester, OH 45069, and its successors, assigns, and legal representatives (hereinafter collectively "Assignee") desires to secure the entire right, title and interest in and to the Invention.

For good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor hereby:

1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Invention, the Application, any other applications to which the Application claims priority benefit, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Invention or Application in any country (including Patent Cooperation Treaty, divisional, renewal, substitute, continuation, and continuation-in-part applications), all patents and other forms of intellectual property protection which may be granted thereon (including all reissues, reexaminations, and extensions thereof), and all priority rights appertaining thereto;

2. Sells, assigns and transfers to Assignee the entire right to claim the benefit of priority to the Application and to the following applications to which the Application claims priority benefit: U.S. Patent Application Serial No. 61/619,048 filed April 2, 2012 entitled 21%CR Ferritic Stainless Steel;

3. Authorizes Assignee to file applications for patents and other forms of intellectual property protection on the Invention in any country in the name of Assignee, or otherwise as Assignee may deem advisable;

4. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on the Invention to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;

5. Agrees, without expense to Assignor but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on the Invention; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor relating to the Invention and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Invention

and for vesting title in Assignee to the Invention and all patent applications and patents based on the Invention;

6. Represents and warrants that Assignor has the full right to convey to Assignee the entire interest to the Invention, and that Assignor has not executed, and will not execute, any agreement in conflict herewith; and

7. Authorizes Frost Brown Todd, LLC to insert in this Assignment the serial number and filing date of the Application or any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Sole or first inventor:

Signature: Joseph A. Douthett Date: 04/05/2013
Full Name: Joseph A. Douthett
Residence: 38 Heatherwood Ct.
Monroe, OH 45050

STATE OF OHIO)
) SS:
COUNTY OF BUTLER)

On this 5th day of April, 2013, personally appeared before me Joseph A. Douthett, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

MARSHA L. O'DELL, Notary Public
In and for the State of Ohio
My Commission Expires Dec. 2, 2016

Notary Public: Marsha L. O'Dell
My Commission Expires: 12/2/2016

Second inventor:

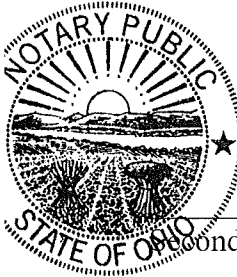
Signature: Shannon K. Craycraft Date: 4/5/2013
Full Name: Shannon K. Craycraft
Residence: 3002 Goldman Ave.
Middletown, OH 45044

STATE OF OHIO)
) SS:
COUNTY OF BUTLER)

On this 5th day of April, 2013, personally appeared before me Shannon K. Craycraft, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that she executed the same.

MARSHA L. O'DELL, Notary Public
In and for the State of Ohio
My Commission Expires Dec. 2, 2016

Notary Public: Marsha L. O'Dell
My Commission Expires: 12/2/2016



Assignee:

AK STEEL PROPERTIES, INC.

By:
Full Name:
Title:

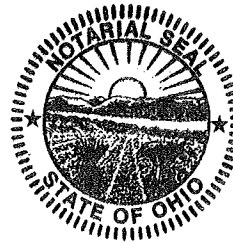
AK: David C. Horn Date: 4/8/13
David C. Horn
President

STATE OF OHIO)
) SS:
COUNTY OF BUTLER)

On this 9th day of April, 2013, personally appeared before me David C. Horn, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: Betty J. Longworth
My Commission Expires: 6/20/2014

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BETTY J. LONGWORTH
Notary Public State of Ohio
My Commission Expires June 20, 2014