

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THYSSENKRUPP RASSELSTEIN GMBH	10/04/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THYSSENKRUPP RASSELSTEIN GMBH
<b>Street Address:</b>	THYSSENKRUPP ALLEE 1
<b>City:</b>	ESSEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	45143
<b>Name:</b>	THYSSENKRUPP AG
<b>Street Address:</b>	THYSSENKRUPP ALLEE 1
<b>City:</b>	ESSEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	45143
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15240028
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(305)830-2605
<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>	305-830-2600
<b>Email:</b>	ajohnson@fggbb.com
<b>Correspondent Name:</b>	FLEIT GIBBONS GUTMAN BONGINI & BIANCO PL
<b>Address Line 1:</b>	21355 EAST DIXIE HIGHWAY
<b>Address Line 2:</b>	SUITE 115
<b>Address Line 4:</b>	MIAMI, FLORIDA 33180
<b>ATTORNEY DOCKET NUMBER:</b>	7400-X16-561
<b>NAME OF SUBMITTER:</b>	PAUL D. BIANCO
<b>SIGNATURE:</b>	/Paul D. Bianco/
<b>DATE SIGNED:</b>	10/11/2017

**Total Attachments: 1**

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JOINT ASSIGNMENT

WHEREAS, ThyssenKrupp Rasselstein GmbH, ASSIGNOR, having a place of business at Koblenzer Strasse 141, Andernach, Germany 56624, has obtained the entire right, title and interest in, to and under:

U.S. Patent Application No. 15/240,028, filed August 18, 2016 and entitled METHOD OF THERMALLY TREATING BLACK PLATE COATED WITH A CONVERSION COATING ("the Application") by virtue of the Assignment recorded at the United States Patent and Trademark Office on October 25, 2016 at Reel 040118, Frame 0654; and

and, WHEREAS, ThyssenKrupp Rasselstein GmbH and Thyssenkrupp AG, having a place of business at ThyssenKrupp Allee 1, Essen, Germany 45143 (ThyssenKrupp Rasselstein GmbH and Thyssenkrupp AG herein referred to collectively as "ASSIGNEES"), are desirous of jointing acquiring ASSIGNOR'S entire right, title and interest in, to and under said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, ASSIGNOR'S entire right, title and interest in and to the Application and any other patents and/or patent applications based on the Application, including any divisions, continuations, reissues, re-examinations and extensions thereof.

AND ASSIGNOR HEREBY grants the firm of Fleit, Gibbons, Gutman, Bongini & Bianco P.L. the power to insert into this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

THE undersigned whose title is provided below, is authorized to act on behalf of the ASSIGNOR.

ASSIGNOR:

THYSSENKRUPP RASSELSTEIN GMBH

Date: 04.10.2017

Signature:

*Mann* *Jacobs*

By (Print Name): Hans-G. Wannenbach

Volker Biewer

Title: Senior Legal Counsel

Corporate Office

Witness Signature: *Jacobs*

Witness Print Name: Julia Heilig