### 502679972 02/13/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2726579

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARC BLUMENAU	11/25/2013
KARSTEN MACHALITZA	12/13/2013
MICHAEL PETERS	12/06/2013
RUDOLF SCHOENENBERG	12/03/2013
SABINE ZEIZINGER	12/11/2013
MARTIN NORDEN	11/22/2013

## **RECEIVING PARTY DATA**

Name:	THYSSENKRUPP STEEL EUROPE AG
Street Address:	KAISER-WILHELM-STRASSE 100
City:	DUISBURG
State/Country:	GERMANY
Postal Code:	47166

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14116530

## CORRESPONDENCE DATA

**Fax Number**: (412)945-5933 **Phone**: 412-471-8815

Email: assignments@webblaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: THE WEBB LAW FIRM, P.C. Address Line 1: ONE GATEWAY CENTER

Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200
Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER: 3988-134303	ATTORNEY DOCKET NUMBER: 3	3988-134363
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PATENT 502679972 REEL: 032214 FRAME: 0598

NAME OF SUBMITTER:	RICHARD L. BYRNE
Signature:	/richard I byrne/
Date:	02/13/2014
Total Attachments: 5 source=363CoverSheet#page1.tif source=363Assignment#page1.tif source=363Assignment#page2.tif source=363Assignment#page3.tif source=363Assignment#page4.tif	

PATENT REEL: 032214 FRAME: 0599

RECORDATION FORM COVER SHEET  PATENTS ONLY		
	se record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)  Marc BLUMENAU Sabine ZEIZINGER  Karsten MACHALITZA Martin NORDEN  Michael PETERS  Rudolf SCHOENENBERG	2. Name and address of receiving party(ies)  Name:ThyssenKrupp Steel Europe AG  Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes 🗸 No		
3. Nature of conveyance/Execution Date(s):  Execution Date(s) 11/25/13; 12/13/13; 12/6/13; 12/3/13; 12/11/13  ✓ Assignment	Street Address: Kaiser-Wilhelm-Strasse 100  City: Duisburg  State: Zip: 47166  Additional name(s) & address(es) attached? Yes V No document is being filed together with a new application.  B. Patent No.(s)	
Additional numbers att	tached? Yes VNo	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	
Name: Russell D. Orkin	<b>7. Total fee</b> (37 CFR 1.21(h) & 3.41) \$ 0	
Internal Address: The Webb Law Firm	Authorized to be charged by credit card  Authorized to be charged to deposit account	
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	Enclosed  None required (government interest not affecting title)	
City: Pittsburgh	8. Payment Information	
State: <u>PA</u> Zip: <u>15222</u>	a. Credit Card Last 4 Numbers 1916 Expiration Date 05/2015	
Phone Number: 412-471-8815	b. Deposit Account Number 23-0650	
Fax Number: 412-945-5933 Email Address: assignments@webblaw.com	Authorized User Name	
9. Signature: What h Oryn Signature	February 13, 2014 Date	
Richard L. Byrne  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Doc. No. DN2R31869

	$\mathbb{I}\mathbb{N}$	CERNATIONAL
Application No.		14/116.530
Attorney Docket No	),	3988-134363

#### ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

# APPARATUS AND METHOD FOR THE TREATMENT OF A FLAT STEEL PRODUCT, TAKING PLACE IN THROUGHPUT

(Invention Title)

	for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND	MOR
[X]	for which an application for a United States Patent was filed on 03/30/2012 (mm/dd/yyyy) and bears Application Number 14/116,530 (hereinafter "said application").
AND	
	for which an international patent application was filed under the Patent Cooperation Treaty on 03/30/2012 (min/dd/yyyy), bearing Application No. PCT/EP2012/055854 (hereinafter "said application").

AND, WHEREAS, ThyssenKrupp Steel Europe AG, a corporation of Germany, having a place of business at Kaiser-Wilhelm-Strasse 100, 47166 Germany, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits

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	INTERNATIONAL
Application No	14/116,530
Attorney Docket No.	3988-134363

from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:	RESIDENCE:
Marc BLUMENAU	Hagen, Germany
EXECUTED this 35 day of 71	, 2013
	Signature
WITNESS:	
2. FULL NAME OF ASSIGNOR:  Karsten MACHALITZA	RESIDENCE: Mulheim, Germany
EXECUTED this <u>13</u> day of <u>12</u>	,2013
	1. Malalia
	Signature
WITNESS:	

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Checked Box indicates 2 additional page(s) for inventor signatures.

*	INTERNATIONAL Application No. 14/116.538
	Attorney Docket No. 3988-134363
3. FULL NAME OF ASSIGNOR: Michael PETERS	RESIDENCE: Kleve, Gerrany
EXECUTED this OF day of Dec	2013 Khal Jeles
WITNESS:	
************	
4. FULL NAME OF ASSIGNOR:	RESIDENCE:
Rudolf SCHOENENBERG	Daphne, Alabama, United States
EXECUTED thisdsy of	,2013
WITNESS:	
and the state of t	
5. FULL NAME OF ASSIGNOR: Sabine ZEIZINGER	RESIDENCE: Mulheim, Germany
EXECUTED this <u>U</u> day of <u>Dec</u>	, 2013
WIINESS:	75 STATE OSTAL (A)
or angraphs,	

Page 3 of 4

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	; ;	Application	INTERNATIONAL No. <u>14/116,530</u>
		Attorney De	oeket No. <u>3988-134363</u>
6. FULL NAME OF ASSICE Martin NORI		ESIDENCE <u>Nevil,</u> Alabama. <i>Nev</i> il, 4 × 4	United States
EXECUTED this <u>11</u> day	o <i>t <u>Vozem kr</u>,</i> 201	<u> </u>	.so-
WITNESS:		23	GNATURE

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PATENT REEL: 032214 FRAME: 0604