#### 11/10/2015 503562343

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
DR. THOMAS FLEHMIG	10/05/2015
MARTIN KIBBEN	09/23/2015
JÖRG GORSCHLÜTER	09/23/2015

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14849253

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	140124P10US
NAME OF SUBMITTER:	WILLIAM J. CASSIN
SIGNATURE:	/William J. Cassin/

**PATENT REEL: 037000 FRAME: 0177** 

503562343

DATE SIGNED: 11/10/2015

Total Attachments: 3
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PATENT REEL: 037000 FRAME: 0178

### ASSIGNMENT

WHEREAS, we, the undersigned inventors, having our residences as set forth below, hereinafter referred to as "ASSIGNORS," have invented a certain new invention for:

# METHOD AND TOOL FOR HARDENING A HOLLOW PROFILE OF A STEEL WORKPIECE

as described and set forth in U.S. Patent Application No. 14/849,253 filed on September 9, 2015, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, THYSSENKRUPP STEEL EUROPE AG, a company organized under the laws of Germany, with its principal place of business at Kaiser-Wilhelm-Straße 100, 47166 Duisburg, DE and THYSSENKRUPP AG, a company organized under the laws of Germany, with its principal place of business at ThyssenKrupp Aliee 1, 45143 Essen, Germany, hereinafter collectively referred to as "ASSIGNEES", are together desirous of jointly acquiring ASSIGNORS' entire right, title and interest in and to said invention, improvements, application and any Letters Patents which may be granted therefor or thereupon in any country, together with any and all non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof in all countries throughout the world;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration by ASSIGNEES to ASSIGNORS, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto ASSIGNEES, their respective successors and assigns, the entire right, title and interest in and to said invention, improvements, and in and to said application and any Letters Patents which may be granted therefor or thereupon, together with any and all non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof, and ASSIGNORS authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications, or patents resulting therefrom, insofar as my interest is concerned, unto ASSIGNEES in accordance with this Assignment. To the extent applicable, ASSIGNORS also hereby assign to ASSIGNEES, their respective successors and assigns, all right, title and interest to sue third parties for any past, present or future infringement, and to collect all damages relating thereto, of all Letters Patents assigned herein.

ASSIGNORS also assign to ASSIGNEES, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in ASSIGNEES.

ASSIGNORS will communicate to ASSIGNEES, their respective successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and,

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at the expense of ASSIGNEES, ASSIGNORS will fully cooperate in any legal proceedings, including any proceeding within the United States Patent and Trademark Office or other Patent Office anywhere in the world, relating thereto, sign all lawful papers, execute all non-provisional, divisional, continuing, continuations-in-part, reissue and substitute applications, make all rightful oaths and declarations, and, in addition, execute any and all documents required to vest title in ASSIGNEES and to aid ASSIGNEES to obtain and enforce proper protection for said invention in all countries.

ASSIGNORS covenant that ASSIGNORS have the full right to convey the interest assigned by this Assignment, and that ASSIGNORS have not executed and will not execute any agreement in conflict with this Assignment.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned			iled for this unstened inventor	
Given Name (first and middle[if any])		Family Name or Surname		
Dr. Thomas		FLEHMIG		
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Mailing Address				
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<u>Cíty</u>	State	Postal (Zip) Code	Country	
Ratingen	***************************************	40885 DE		

NAME OF ADDITI	ONAL JOINT INVENTO	OR, if any:	een filed f	or this unsigned inventor	
Given Name (first and middle(if any))		E	Family Name or Surname		
			IBBEN		
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Attorney Docket No. 140124P10US

## JOINT ASSIGNMENT

NAME OF ADDITION	AL JOINT INVENTOR	R, if any: A petition ha	s been filed f	or this unsigned inventor	
Given Name (first and midd	islif.enyli	The state of the s	Family Name	or Surname	
JÖTR GORSCHLÜTER				JÜTER	
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**RECORDED: 11/10/2015**