PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3714519

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Name Executio			
SASCHA SIKORA				01/22/2016		
JÖRG GORSCHLÜTE	R			01/22/2016		
RECEIVING PARTY D	ΑΤΑ					
Name:	THYSS	THYSSENKRUPP STEEL EUROPE AG				
Street Address:	KAISEF	R-WILHELM-STRASSE 100				
City:	DUISBI	DUISBURG				
State/Country:	GERMA	ANY				
Postal Code:	47166					
Property Type		Number				
PROPERTY NUMBERS Total: 1 Property Type		··· ·				
	e	Number				
		Number 14893770				
Application Number:						
Application Number:	DATA					
Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA be sent to	14893770				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone:	DATA be sent to if provided	14893770 (312)462-0999 o the e-mail address first; if that is l; if that is unsuccessful, it will be 312-525-3164				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email:	DATA be sent to if provided	14893770 (312)462-0999 b the e-mail address first; if that is i; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name	DATA be sent to if provided	14893770 (312)462-0999 5 the e-mail address first; if that is 1; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1:	DATA be sent to if provided	14893770 (312)462-0999 b the e-mail address first; if that is l; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD.				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name	DATA be sent to if provided	14893770 (312)462-0999 5 the e-mail address first; if that is 1; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	DATA be sent to if provided	14893770 (312)462-0999 5 <i>the e-mail address first; if that is</i> <i>1; if that is unsuccessful, it will be</i> 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	DATA be sent to if provided	14893770 (312)462-0999 b the e-mail address first; if that is i; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400 CHICAGO, ILLINOIS 60604				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2:	DATA be sent to if provided	14893770 (312)462-0999 b the e-mail address first; if that is j; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400 CHICAGO, ILLINOIS 60604 130107P30US				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, I Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER	DATA be sent to if provided	14893770 (312)462-0999 o the e-mail address first; if that is i; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400 CHICAGO, ILLINOIS 60604 130107P30US WILLIAM J. CASSIN				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET IN NAME OF SUBMITTER SIGNATURE:	DATA be sent to if provided	14893770 (312)462-0999 b the e-mail address first; if that is i; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400 CHICAGO, ILLINOIS 60604 130107P30US WILLIAM J. CASSIN /William J. Cassin/				
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER BIGNATURE: DATE SIGNED:	DATA be sent to if provided : NUMBER: R: Assignmer	14893770 (312)462-0999 5 the e-mail address first; if that is l; if that is unsuccessful, it will be 312-525-3164 william.cassin@thyssenkrupp.com WILLIAM J. CASSIN 111 W. JACKSON BLVD. SUITE 2400 CHICAGO, ILLINOIS 60604 130107P30US WILLIAM J. CASSIN /William J. Cassin/ 01/27/2016				

JOINT ASSIGNMENT

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 DEVICE FOR PRODUCING A SHAPED COMPONENT

as described and set forth in U.S. National Stage Patent Application No. 14/893,770 filed on November 24, 2015, and related PCT International Patent Application No. PCT/EP2014/060419 filed on May 21, 2014, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, THYSSENKRUPP STEEL EUROPE AG, hereinafter referred to as "ASSIGNEE", a company organized under the laws of Germany, with its principal place of business at Kaiser-Wilhelm-Straße 100, 47166 Duisburg, DE, is desirous of 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 ASSIGNEE to ASSIGNORS, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto ASSIGNEE, its 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 ASSIGNEE in accordance with this Assignment. To the extent applicable, ASSIGNORS also hereby assign to ASSIGNEE, its 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 ASSIGNEE, 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 ASSIGNEE.

ASSIGNORS will communicate to ASSIGNEE, its successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and, at the expense of ASSIGNEE, ASSIGNORS will fully cooperate in any legal proceedings, including any proceeding within the United States Patent and Trademark Office or other Patent Office

Assignment - page 1 of 2

PATENT REEL: 037602 FRAME: 0392

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 ASSIGNEE and to aid ASSIGNEE 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 t	A petition has been filed for this unsigned inventor					
Given Name (first and mic	(dle(if any)	Family	Family Name or Sumame					
Sascha		SIKO	SIKORA					
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·		Date (mm/dd/yyyy)					
Salar Joy S.	2 Lans		01122/2016					
Residence: City	State	Country	Country					
Lünen	·····	DE	DE					
Mailing Address								
Friedrich-Wilhelm-Weber-Strasse 40								
City	State	Fostal (Zip) Code	<u>Country</u>					
Lünen		44534	DE					

NAME OF ADDITIONAL JOINT INVENTOR, if any: A petition has been filed for this unsigned inventor							
Given Name (first and middle) if a	E	Family Name or Sumame					
Jörg			GORSCHLÜTER				
Inventor's Signature	anna ann ann ann ann ann ann ann ann an		Date (m	m/dd/yyyy)			
		07/	22/2016				
Residence: City	State	Country					
Hamm		DE					
Meiling Address							
Dornheideweg 1							
City	State	Postal (Zip) Code	Country				
Hamm		59075	DE				

Assignment -- page 2 of 2