505561548 07/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5608345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN KIBBEN	06/19/2019
DR. THOMAS FLEHMIG	06/19/2019
DANIEL NIERHOFF	06/24/2019
LARS BODE	06/19/2019

RECEIVING PARTY DATA

Name:	THYSSENKRUPP STEEL EUROPE AG
Street Address:	KAISER-WILHELM-STRASSE 100
City:	DUISBURG
State/Country:	GERMANY
Postal Code:	47166
Name:	THYSSENKRUPP AG
Street Address:	THYSSENKRUPP ALLEE 1
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45143

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16444552	

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 248-270-2885
Email: alex@rmcklaw.com

Correspondent Name: RMCK LAW GROUP, PLC

Address Line 1: P.O. BOX 210280

Address Line 4: AUBURN HILLS, MICHIGAN 48321

ATTORNEY DOCKET NUMBER: 4838-000071/US

NAME OF SUBMITTER: ALEXANDRA WROBLEWSKI

PATENT 505561548 REEL: 049696 FRAME: 0424

SIGNATURE:	/Alexandra Wroblewski/	
DATE SIGNED:	07/09/2019	
Total Attachments: 4		
source=Executed_Assignment#page1.tif		
source=Executed_Assignment#page2.tif		
source=Executed_Assignment#page3.tif		
source=Executed_Assignment#page4.ti	f	

PATENT REEL: 049696 FRAME: 0425

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 FOR PRODUCTION OF A SUPPORTING MEMBER AND A LADDER FRAME OR BOX FRAME

as described and set forth in U.S. National Stage Patent Application No. 16/444,552 filed on June 18, 2019, 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 Allee 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, he 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,

Assignment -- page 1 of 3

PATENT REEL: 049696 FRAME: 0426 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.

LEGAL NAME OF ADDITIONA	AL OR JOINT INVENTO	R, if any:	
Given Meme (first and models) if any li-	and Family Name or Surnams		
Martin Kibben			
Inventor's Signature	//	Uni	s (Optional)
0/-110	el la	a	5-19-2019
Residence, City	<u>State</u>	***************************************	Country
Dinslaken			DE
Mailing Address			
Sibylleneweg 19		M112	
City	State	Postal (Zip) Code	Country
Dinslaken		46537	DE

LEGAL NAME OF ADDITION.	AL OR JOINT INVENTO	R, if any:	
Given Name (first and middlelif anyl)	and Family Name or Surname		
Dr. Thomas Flehmig	****		
Inventor's Signature		<u>Da</u>	te (Optional)
Residence City	State		Country
Ratingen			DE
Minling Address			
Annette-Kolb-Straße 4			
City	State	Postal (Zip) Code	Country
Ratingen		40885	DE

Ĭ.	LEGAL NAME OF ADDITIONAL OR JOINT INVEN	TO	R. if	BAY:

Assignment -- page 2 of 3

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.

LEGAL NAME OF ADDITIONAL OR JOINT INVENTOR, if any:			
Given Name (first and middlefif arryl) and Family Name or Surname			
Martin Kibben	20000000		
Inventor's Signature	Date (Optional)		
Residence: City	State		Country
Dinslaken	DE		DE
Mailing Address			
Sibylleneweg 19			
City	State	Postal (Zip) Code	Country
Dinslaken		46537	DE

LEGAL NAME OF ADDITIO	NAL OR JOINT INVENT	OR, if any:	
Given Name (first and middle) if any	j) and Family Name or Surnam	ķ.	***************************************
Dr. Thomas Flehmig			
Inventor's Signature		Dat	e (Optional) & * * * * * * * * * * *
Residence: City	State		Country
Ratingen			DE
Mailing Address			
Annette-Kolb-Straße 4		arra Massassassassassassassassas	
City	State	Postal (Zip) Code	Country
Ratingen		40885	DE

N BUNG CE BECCHANG NAME AND A SERVICE SAND AND A NAME OF AND	
LEGAL NAME OF ADDITIONAL OR JOINT INVENTOR,	88 1386 V *
and the second s	nt 13kt y .

Assignment -- page 2 of 3

Daniel Nierhoff			
insentor's Signature D. (Nicho)	V		Date (Optional) 06-24-2019
Residence: City	State		Country
Mülheim a. d. Ruhr			DE
Muiling Address			
Am Rathaus 6	50		
City	State	Postal (Zip) Code	Соинку
Mülheim a. d. Ruhr		45468	DE

z	***************************************	***************************************	***************************************	
LEGAL NAME OF ADDITIONAL OR JOINT INVENTOR, if any:				
Given Name (first and middle(if any)) and Faculy Mame or Surname				
Lars Bode				
Inventor's Amount		D	Date (Optional)	
/5/		6	-19-2019	
Residence: City	State	***************************************	Country	
Dusseldorf			DE	
Mailing Address				
Humboldstrasse 56				
City	State	Postal (Zip) Code	Country	
Dusseldorf		40237	DE	

Assignment - page 3 of 3

PATENT REEL: 049696 FRAME: 0429

RECORDED: 07/09/2019