

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5774697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN MADERA	09/04/2019
MIKE OBERT	10/15/2019
MARTIN KRIEG	09/09/2019
SEBASTIAN GRIESARDT	09/03/2019
IONEL STANICA	10/13/2019

RECEIVING PARTY DATA

Name:	THYSSENKRUPP ELEVATOR AG
Street Address:	THYSSENKRUPP ALLEE 1
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45143
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:	16485309

CORRESPONDENCE DATA

Fax Number: (312)431-8760

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: 312-525-3164

Email: tkna.ip-docket@thyssenkrupp.com

Correspondent Name: THYSSENKRUPP NORTH AMERICA, INC. IP SERV

Address Line 1: 111 W. JACKSON BLVD.

Address Line 2: SUITE 2400

Address Line 4: CHICAGO, ILLINOIS 60604

ATTORNEY DOCKET NUMBER:	160658P30US
NAME OF SUBMITTER:	WILLIAM J CASSIN
SIGNATURE:	/William J. Cassin Reg. No. 65192/
DATE SIGNED:	10/17/2019

Total Attachments: 12

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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:

HOLDING DEVICE

as described and set forth in U.S. National Stage Patent Application No. 16/485,309 filed on August 12, 2019, and related PCT International Patent Application No. PCT/EP2018/050265 filed on January 5, 2018, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, THYSSENKRUPP ELEVATOR AG, a company organized under the laws of Germany, with its principal place of business at ThyssenKrupp Allee 1, 45143 Essen, Germany 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, 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, 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.

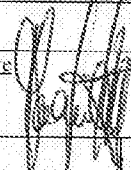
This Assignment shall be binding on the parties' successors, assigns and legal representatives.

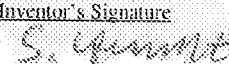
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<u>Given Name (first and middle[if any])</u> Martin		<u>Family Name or Surname</u> MADERA	
<u>Inventor's Signature</u>			<u>Date (mm/dd/yyyy)</u>
<u>Residence: City</u> Neuhausen	<u>State</u>	<u>Country</u> DE	
<u>Mailing Address</u> Weilgartenstraße 25			
<u>City</u> Neuhausen	<u>State</u>	<u>Postal (Zip) Code</u> 73765	<u>Country</u> DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<u>Given Name (first and middle[if any])</u> Mike		<u>Family Name or Surname</u> OBERT	
<u>Inventor's Signature</u>			<u>Date (mm/dd/yyyy)</u>
<u>Residence: City</u> Gernsbach	<u>State</u>	<u>Country</u> DE	
<u>Mailing Address</u> Jakob-Kast-Straße 22/2			
<u>City</u> Gernsbach	<u>State</u>	<u>Postal (Zip) Code</u> 76593	<u>Country</u> DE

JOINT ASSIGNMENT

Attorney Docket No. 160658P30US

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Martin		Family Name or Surname: KRIEG	
Inventor's Signature: 		Date (mm/dd/yyyy): 09/09/2019	
Residence: City: Gaggenau	State:	Country: DE	
Mailing Address: Hindenburgstr. 13			
City: Gaggenau	State:	Postal (Zip) Code: 76571	Country: DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Sebastian		Family Name or Surname: GRIESARDT	
Inventor's Signature: 		Date (mm/dd/yyyy): 09/09/2019	
Residence: City: Bietigheim	State:	Country: DE	
Mailing Address: Westendstraße 11			
City: Bietigheim	State:	Postal (Zip) Code: 76467	Country: DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Ionel		Family Name or Surname: STANICA	
Inventor's Signature:		Date (mm/dd/yyyy):	
Residence: City: Bucharest	State:	Country: RO	
Mailing Address: 48 Cal. Giulesti Street, Bl.4, sc. D, ap.110, Sector 6			
City: Bucharest	State:	Postal (Zip) Code: 060281	Country: RO

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:

HOLDING DEVICE

as described and set forth in U.S. National Stage Patent Application No. 16/485,309 filed on August 12, 2019, and related PCT International Patent Application No. PCT/EP2018/050265 filed on January 5, 2018, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, THYSSENKRUPP ELEVATOR AG, a company organized under the laws of Germany, with its principal place of business at ThyssenKrupp Allee 1, 45143 Essen, Germany 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;

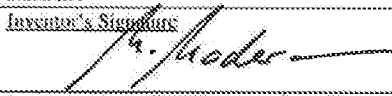
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration by ASSIGNEES to ASSIGNORS, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto ASSIGNEES, their respective successors and assigns, the entire 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, 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:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any):		Family Name or Surname:	
Martin		MADERA	
Inventor's Signature: 		Date (mm/dd/yyyy): 09/04/2019	
Residence: City	State	Country	
Neuhausen		DE	
Mailing Address			
Weilgartenstraße 25			
City	State	Postal (Zip) Code	Country
Neuhausen		73765	DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any):		Family Name or Surname:	
Mike		OBERT	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City	State	Country	
Gernsbach		DE	
Mailing Address			
Jakob-Kast-Straße 22/2			
City	State	Postal (Zip) Code	Country
Gernsbach		76593	DE

JOINT ASSIGNMENT

Attorney Docket No. 160658P30US

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Martin		KRIEG	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City		State	Country
Gaggenau			DE
Mailing Address			
Hindenburgstr. 13			
City	State	Postal (Zip) Code	Country
Gaggenau		76571	DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Sebastian		GRIESARDT	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City		State	Country
Bietigheim			DE
Mailing Address			
Westendstraße 11			
City	State	Postal (Zip) Code	Country
Bietigheim		76467	DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Ionel		STANICA	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City		State	Country
Bucharest			RO
Mailing Address			
48 Cal. Giulesti Street, B14, sc. D, ap.110, Sector 6			
City	State	Postal (Zip) Code	Country
Bucharest		060281	RO

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:

HOLDING DEVICE

as described and set forth in U.S. National Stage Patent Application No. 16/485,309 filed on August 12, 2019, and related PCT International Patent Application No. PCT/EP2018/050265 filed on January 5, 2018, preparatory to obtaining Letters Patent of the United States therefor; and

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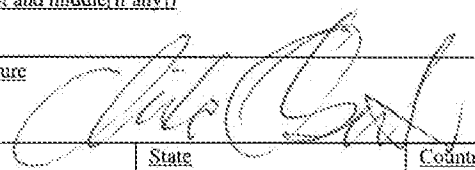
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ASSIGNORS will communicate to ASSIGNEES, their respective successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and, at the expense of ASSIGNEES, ASSIGNORS will fully cooperate in any legal 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.

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

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Martin		MADERA	
Inventor's Signature			Date (mm/dd/yyyy)
Residence: City	State	Country	
Neuhausen		DE	
Mailing Address			
Weilgartenstraße 25			
City	State	Postal (Zip) Code	Country
Neuhausen		73765	DE

NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Mike		OBERT	
Inventor's Signature			Date (mm/dd/yyyy)
			10/15/2019
Residence: City	State	Country	
Gernsbach		DE	
Mailing Address			
Jakob-Kast-Straße 22/2			
City	State	Postal (Zip) Code	Country
Gernsbach		76593	DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Martin		Family Name or Surname KRIEG	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City Gaggenau	State	Country DE	
Mailing Address Hindenburgstr. 13			
City Gaggenau	State	Postal (Zip) Code 76571	Country DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Sebastian		Family Name or Surname GRIESARDT	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City Bietigheim	State	Country DE	
Mailing Address Westendstraße 11			
City Bietigheim	State	Postal (Zip) Code 76467	Country DE

NAME OF ADDITIONAL JOINT INVENTOR, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any): Ionel		Family Name or Surname STANICA	
Inventor's Signature		Date (mm/dd/yyyy)	
Residence: City Bucharest	State	Country RO	
Mailing Address 48 Cal. Giulesti Street, B1.4, sc. D, ap.110, Sector 6			
City Bucharest	State	Postal (Zip) Code 060281	Country RO

6951 8896264001

Applicant: 8896264001

ASSIGNMENT

WHEREAS we, the undersigned inventor, having our residence at 1011 1st St. N. Minneapolis, Minn., have invented a certain new invention for

IMPROVING

as described and set forth in U.S. Patent Application No. 1584, 957 filed on August 12, 1921, and related Foreign Patent Application Nos. 147,707, 148,705 filed on January 5, 1921, pertaining to said invention, Letters Patent of the United States hereafter,

WHEREAS THEINVENTOR ELEVATOR CO., a company organized under the laws of Germany, with its principal place of business at Physenstrasse 11, 12143 Essen, Germany and THEASSIGNOR ALF. A. COMPANY, operating under the laws of Germany, with its principal place of business at Physenstrasse 11, 12143 Essen, Germany, hereinafter collectively referred to as "ASSIGNORS," are together desirous of jointly acquiring ASSIGNEE's entire right, title and interest in and to said invention improvements, application and any Letters Patent which may be granted hereon or hereafter in any country together with any and all non-patented applications, devices, experiments, communications, notes, releases and extensions hereon in all countries throughout the world.

NOW, THEREFORE, in all things it may concern, the above said inventor and assignor, jointly and severally, do hereby assign, transfer, convey and set over unto ASSIGNEE, 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 Patent, which may be granted hereon or hereafter, together with any and all non-patented applications, devices, experiments, communications, notes, releases and extensions hereon in all countries throughout the world, and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for the right and invention or applications or patents resulting herefrom, together with any patent or Letters Patent to be granted with the Assignments. To the extent ASSIGNEE's also hereby assigns to ASSIGNEE's, their respective successors and assigns, all right, title and interest in and to said patents for any past, present or future inventions, and to conduct all changes pending thereon, of all Letters Patents assigned hereon.

ASSIGNEE, also assigns 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 issue patents, jointly, severally, successively and otherwise throughout the world, including all rights to publish, demonstrate, receive royalties, maintain or said invention and all rights to register said invention in appropriate registers and ASSIGNEE further agrees to execute any and all powers of attorney, applications or assignments, affidavits, and any other powers to be necessary to perfect such right, title and interest in ASSIGNEE.

JOINT ASSIGNMENT

Attorney: Douglas R. Thompson

ASSIGNMENTS with consent to ASSIGNORS, their respective executors, administrators, heirs, assigns, personal representatives, agents known to us respecting said inventions and improvements and, at the expense of ASSIGNEES, ASSIGNORS with fully executed in writing assignments, including any proceeding within the United States Patent and Trademark Office or other Patent Office or agency in the world, relating therein, sign all lawful papers, oaths and affidavits, preliminary, dispositive, concluding, continuation, division, amendment and subsequent applications, and all other bills and declarations, and in addition execute any and all documents required to be done in ASSIGNMENTS and to the ASSIGNMENTS to obtain and enforce proper protection for said inventions in all countries.

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

This Assignment shall be binding on the parties hereinafter assigned and their representatives.

NAME OF FIRM OR PARTY INVENTOR		<input type="checkbox"/> A partner has been filed by the assignee	
Address: 1000 N. 1st Street, St. Paul, Minn.		Name: MARIE A. THOMPSON	
Address: 1000 N. 1st Street, St. Paul, Minn.		Address: 1000 N. 1st Street, St. Paul, Minn.	
Residence:	St. Paul	County:	RAMSEY
Telephone:	987	City:	ST. PAUL
State:	MINN.	Country:	U.S.A.
Name of Assignor: JOHN INVENTOR, J.			
<input type="checkbox"/> A partner has been filed in the assigned name			
Address: 1000 N. 1st Street, St. Paul, Minn.		Name: JOHN INVENTOR, J.	
Address: 1000 N. 1st Street, St. Paul, Minn.		Address: 1000 N. 1st Street, St. Paul, Minn.	
Residence:	St. Paul	County:	RAMSEY
Telephone:	987	City:	ST. PAUL
State:	MINN.	Country:	U.S.A.
Name of Assignee: MARIE A. THOMPSON			
Address: 1000 N. 1st Street, St. Paul, Minn.		Name: MARIE A. THOMPSON	
Address: 1000 N. 1st Street, St. Paul, Minn.		Address: 1000 N. 1st Street, St. Paul, Minn.	
Residence:	St. Paul	County:	RAMSEY
Telephone:	987	City:	ST. PAUL
State:	MINN.	Country:	U.S.A.

JOINT ASSIGNMENT

NAME OF APPLICANT: JOHN H. SWANSON A person who has not been previously assigned

Address: 6000 13th Avenue S.W. Edmonton, Alberta T6C 2K1

Telephone: 780-440-1111

Residence: Edmonton AB

Occupation: DE

Signature: [Signature]

Date: 1997-11-11

NAME OF NATIONAL PATENT INVENTOR: J A person who has not been previously assigned

Address: 6000 13th Avenue S.W. Edmonton, Alberta T6C 2K1

Telephone: 780-440-1111

Residence: Edmonton AB

Occupation: DE

Signature: [Signature]

Date: 1997-11-11

NAME OF APPLICANT: JOHN H. SWANSON A person who has not been previously assigned

Address: 6000 13th Avenue S.W. Edmonton, Alberta T6C 2K1

Telephone: 780-440-1111

Residence: Edmonton AB

Occupation: DE

Signature: [Signature]

Date: 1997-11-11