506229874 08/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6276618

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL HAEUSSLER	09/30/2019
HIDEKI SHIMAHARA	09/20/2019
MAREIKE FRENSEMEIER	09/23/2019
YIJUN LI	09/20/2019
WENTAO YAN	09/20/2019
ARTURO GUEVARA ARRIOLA	09/20/2019

RECEIVING PARTY DATA

Name:	HILTI AKTIENGESELLSCHAFT
Street Address:	FELDKIRCHERSTRASSE 100
City:	SCHAAN
State/Country:	LIECHTENSTEIN
Postal Code:	9494

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16976965

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 202-624-2500

edocket@crowell.com, abaland@crowell.com Email:

CROWELL & MORING LLP INTELLECTUAL PROPER **Correspondent Name:**

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044-4300

ATTORNEY DOCKET NUMBER:	105440.PD609US
NAME OF SUBMITTER:	ROBERT L. GRABAREK, JR.
SIGNATURE:	/Robert L. Grabarek, Jr./
DATE SIGNED:	08/31/2020

Total Attachments: 6

PATENT REEL: 053648 FRAME: 0175

506229874



PATENT REEL: 053648 FRAME: 0176

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Attorney Docket No.: This assignment and declaration are directed to (check one): the natural policitation of the process of the attorney docket no. and title of invention given above; the natural policitation of the process of the policitation of PCT International Application No. PCT/PP2019/054706, filed Feb-26-2019. ASSIGNMENT For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a belownamed inventor I have sold and assigned, and hereby sell and assign, to: Name of Assignee: Feldkircherstr. 100, 9494 Schuan, LIECHTENSTEIN (hereimather ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may Saue on any such application or for said invention, including any and all releases or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted, (ii) all applications for the full end of the term or terms for which may mad all such Letters Patent may be granted, (ii) all applications for patents, utility models, and designs which may bereafter be filed for said invention in any country or countries fureign to the United States, tugether with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Indiastrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted for said invention in any country or	Title of Invention: Expansion bolt with different expansion angles	
the attached application; the supplication dentified by the attorney docket no. and ritle of invention given above; United States Application or PCT International Application No. PCT/EP2019/054706, filed Feb-26-2019. ASSIGNMENT For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to: Name of Assignee: Hilli Aktiengesellschaft Address of Assignee: Feldkircherstr. 100, 9494 Schaan, LIECHTENSTEIN (hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted, (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the profrity rights derived from said United States application under the Patent Laws of the United States, together with the right role property, or any other international agreement or the domestic have of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted, and (ii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States a	Attorney Docket No.:	
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a belownamed inventor I have sold and assigned, and hereby sell and assign, to: Name of Assignee: Hilti Aktiengesellschaft Address of Assignee: Felikircherstr. 100, 9494 Schaan, LIECHTENSTEIN (hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application of for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted, (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the international Convention for the Protection of Industrial Property, or any other international agreement or the domistic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which may and all such patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and	the attached application; the application identified by the attorney docket no. and title of invention given above;	
Name of Assignee: Hilti Aktiengesellschaft Address of Assignee: Hilti Aktiengesellschaft Assignees on an and in and to any and all Letters Patent of the United States that may issue on any such application of for said invention, including any and all reiessues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any such application in the Patent Laws of the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGN	ASSIGNMENT	
Address of Assignee: Feldkircherstr. 100, 9494 Schaan, LIECHTENSTEIN (hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, designs or other rights and all such patents, utility models, designs or other rights may be granted, and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, designs or other rights may be granted. I hereby authorize and request the Director of the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights and ass		
patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patients, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith. I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said		
Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith. I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith. I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention. DECLARATION As a below-named inventor, I hereby declare that: The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Signature:	patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention. **DECLARATION** As a below-named inventor, I hereby declare that: The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Signature: **Lace United States** Signature:		
assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention. **DECLARATION** As a below-named inventor, I hereby declare that: The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Signature: **Laxf** **Hample:** Hample:**Implementation** Hample:** Ha		
As a below-named inventor, I hereby declare that: The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Signature:	assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be	
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§ 1001 by fine or imprisonment of not more than five (5) years, or both. Signature: <u>Karl Ham Xar</u>		
Inventor: Karl HAEUSSLER Date: 37.08 2008	§ 1001 by fine or imprisonment of not more than five (5) years, or both.	
77777 N.	Inventor: Karl HAEUSSLER Date: 30.05, 20.05	

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

issentantention:	Expansion bolt with different expansion angles
Attorney Docket No.	
the attached at the application	declaration are directed to (check one): oplication; 1 identified by the attorney docket no. and title of invention given above; Application or PCT International Application No. <u>PCT/EP2019/054796</u> , filed <u>Feb-26-2019</u> .
	<u>ASSIGNMENT</u>
	e consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- e sold and assigned, and hereby sell and assign, to:
427	liki Aktiengesellschaft : Feldkircherstr. 100, 9494 Schann, LIECHTENSTEIN
patent application, inc Patent of the United S reissues or extensions of the term or terms for utility models, and de the United States, tog rights derived from sa Convention for the Pr the country in which a ASSIGNEE, its succe models, designs or oil without limitation, pa invention in any coun to be held and enjoye	EE) all my right, title, and interest in and to the above-identified invention and United States cluding: (i) any and all divisions or continuations thereof, and in and to any and all Letters states that may issue on any such application or for said invention, including any and all is thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end or which any and all such Letters Patent may be granted: (ii) all applications for patents, signs which may hereafter be filed for said invention in any country or countries foreign to either with the right to file such applications and the right to claim for the same the priority said United States application under the Patent Laws of the United States, the International otection of Industrial Property, or any other international agreement or the domestic laws of any such application is filed, as may be applicable, to be held and enjoyed by said essors, or assigns to the full end of the term or terms for which any and all such patents, utility ther rights may be granted; and (iii) all forms of industrial property protection, including, tents, utility models, inventors' certificates and designs which may be granted for said arry or countries foreign to the United States and all extensions, renewals and reissues thereof, d by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which nots, utility models, designs or other rights may be granted.
	d request the Director of the U.S. Patent and Trademark Office to issue any and all such ASSIGNEE, its successors, or assigns in accordance herewith.
	nt that I have the right to sell and assign the interests herein sold and assigned and that I have not execute any document or instrument in conflict herewith.
assigns all information deliver any papers, mecessary or desirable invention, to said appears be granted therefor to assist said ASSI Letters Patent of the I	d agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or in known to me relating to said invention or patent application and that I will execute and ake all rightful oaths, testify in any legal proceedings, and perform all other lawful acts by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said dication including divisions and continuations thereof and to any and all Letters Patent that for or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, GNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing United States and any and all patents, utility models, designs or other rights that may be States or of any country or countries foreign to the United States, for said invention.
	<u>DECLARATION</u>
As a below-named in	ventor, I hereby declare that:
	application was made or authorized to be made by me.
I believe that I am the	e original inventor or an original joint inventor of a claimed invention in the application.
§ 1001 by fine or imp	e that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not prore than five (5) years, or both.
	1888MAHARA Date: Sød 27 , 70 74

Page 1 of 1 2017P00307WO

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: Expansion holt with different expansion angles
Attorney Docket No.:
This assignment and declaration are directed to (check one): the attached application; the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No. PCT/EP2019/054706 , filed Feb-26-2019 .
ASSIGNMENT
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to:
Name of Assignee: Hilti Aktiengesellschaft Address of Assignee: Feldkircherstr. 100, 9494 Schaan, LIECHTENSTEIN
(hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.
I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.
<u>DECLARATION</u>
As a below-named inventor, I hereby declare that:
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.
Signature: UPPOSOUES 33.00.0.0
Inventor: Mareike FRENSEMEIER Date: 23-09-70/9

Page 1 of 1 2017P00307WO

PATENT REEL: 053648 FRAME: 0179

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Bata Sheet)	
Title of Invention: Expansion bolt with different expansion angles	
Attorney Docket No.:	
This assignment and declaration are directed to (check one): the attached application; the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No. PCT/EP2019/054706 , filed Feb-26-2019 .	
<u>ASSIGNMENT</u>	
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- named inventor I have sold and assigned, and hereby sell and assign, to:	
Name of Assignee: Hilti Aktiengesellschaft Address of Assignee: Feldkircherstr. 100, 9494 Schaan, LIECHTENSTEIN	
(hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.	
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith:	
I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.	
<u>DECLARATION</u>	
As a below-named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Signature:	

Inventor:

Yijun LI

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	Expansion bolt with different expansion angles
Attorney Docket No.	*
20000	identified by the attorney docket no. and title of invention given above; Application or PCT International Application No. PCT/EP2019/054706, filed Feb-26-2019.
The sead and entirely	ASSIGNMENT
	e consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- e sold and assigned, and hereby sell and assign, to:
	iiti Akticugesellschaft : Feldkircherstr. 100, 9494 Schaan, LIECHTENSTEIN
(hereinafter ASSIGNEE) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filled for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.	
	I request the Director of the U.S. Patent and Trademark Office to issue any and all such ASSIGNEE, its successors, or assigns in accordance herewith.
	nt that I have the right to sell and assign the interests herein sold and assigned and that I have not execute any document or instrument in conflict herewith.
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.	
	<u>DECLARATION</u>
	ventor, I hereby declare that:
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.	
	Nentas Yan
Inventor: Wenta	<u>o YAN</u> Date: <u>Zo o 9 ≳a i 9</u>

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 Of or Use with Signed Application Data Short

l tile (18 l marmila)13:	Expansion bolt with different expansion angles
Attorney Docket No.	:
the attached a the application	fecturation are directed to (check one) [,] optication, i identified by the attorney docket no, and title of invention given above; Application or PCT International Application No. <u>PCT/EP2019/054706</u> , filed <u>Feb-26-2019</u> .
	<u>ASSIGNMENT</u>
	e consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- esold and assigned, and hereby sell and assign, to:
	lilti Aktiengesellschaft : Feldkircherstr. 100. 9494 Schaan, LIECHTEN\$TEIN
(hereinafter ASSIGNIT) all my right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters. Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNIT; its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, as be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.	
	Frequest the Director of the U.S. Patent and Tradensirk Office to issue any and all such ASSIGNEE, its successors, or assigns in accordance herewith.
	it that I have the right to self and assign the interests berein sold and assigned and that I have not execute any document or instrument in conflict berewith.
assigns all informatio deliver any papers, manifecture any papers, manifecture desirable invention, to said appumay be granted therefor to assist said ASSI- Letters Patent of the U	lagree that I will communicate to said ASSIGNEE, its successors, legal representatives, or in known to me relating to said invention or patent application and that I will execute and ake all rightful oaths, testify in any legal proceedings, and perform all other lawful acts by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said lication including divisions and continuations thereof and to any and all Letters Patent that for or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, GNEE, its successors legal representatives, or assigns in obtaining reissuing, or enforcing Juited States, and any and all patents, utility models designs or other rights that may be States or of any country or countries foreign to the United States, for said invention.
	<u>DECLARATION</u>
As a below-named in:	ventor. I hereby declare that:
	application was made or authorized to be made by me.
	origing inventor or as original joint inventor of a claimed invention in the application.
I hereby acknowledge § 1001 by face or imp	that and willful false flatement made in this declaration is punishable under 18 U.S. risonarum of not more than five (5) years, or both
Signature:	- A Leizath co. co
inventor Arturo	GUEV RA ARRIOLA BATC: SQUAMOZI ZO 4 CO 1 7

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