PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5686214

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAD P. BOUDREAUX	07/16/2019
GREGORY J. BAKOS	07/16/2019
RICHARD W. TIMM	07/15/2019

RECEIVING PARTY DATA

Name:	ETHICON LLC	
Street Address:	#475 STREET C, SUITE 401	
Internal Address:	LOS FRAILES INDUSTRIAL PARK	
City:	GUAYNABO	
State/Country:	PUERTO RICO	
Postal Code:	00969	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16453302

CORRESPONDENCE DATA

Fax Number: (412)355-6501

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: (412) 355-8276

Email: piuspatents@klgates.com

CARA M. PINTO **Correspondent Name:** Address Line 1: 210 SIXTH AVENUE Address Line 2: **K&L GATES CENTER**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END9170USNP4/190162-4
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/
DATE SIGNED:	08/26/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT REEL: 050165 FRAME: 0418

505639407



PATENT REEL: 050165 FRAME: 0419

Attorney Docket No.: END9170USNP4/190162-4 US Application No.: 16/453,302

	COMBINED	DECLARATION AND ASSIGNMENT	
Title of Invention:	***************************************	RIDGE BASED KEY FEATURE THAT UNLOCKS MULTIPLE GEMENTS IN DIFFERENT SURGICAL STAPLERS	
This declaration and assig	snment is directed to:		
		The attached or filed herewith application of (list of named inventors),	
	or		
		The United States application or PCT international application number 16/453,302 filed on June 26, 2019.	
Declaration			
As the below na	med inventor, I hereby decl	are that:	
The above-ident	ified application ("Applicat	ion") was made or authorized by me.	
I believe that I a	m the original inventor or a	n original inventor of a claimed invention or discovery in the Application.	
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.			
		e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or for filings of this Application in the United States of America.	
Assignment		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969	
	a Lin	nited Liability Company of <u>Delaware</u> .	
	(here	cinafter designated as the "Assignee"),	
		the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:	
er			
For good and vassigned and transferred to		sufficiency of which is acknowledged, I hereby assign and transfer and/or have	
the right to claim priority States, European Patent such inventions or discr continuations thereof, an supplementary protection and enjoyment to the full	to the Application, all invi- Office and of all other cou- overies and all rights in s d to all Letters Patent that certificates, reexaminations	he Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United ntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, s, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.	

Page 1 of 2

Attorney Docket No.: END9170USNP4/190162-4

US Application No.: 16/453,302

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Chad P. Boudreaux			
LEGAL NAME OF IN	VENTOR		
CalP 1	mel		7-16-2019
Signature	7	Date	

Attorney Docket No.: <u>END9170USNP4/190162-4</u>
US Application No.: <u>16/453.302</u>

	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	UNIVERSAL CART	RIDGE BASED KEY FEATURE THAT UNLOCKS MULTIPLE
	LOCKOUT ARRAN	GEMENTS IN DIFFERENT SURGICAL STAPLERS
This declaration and assi	pament is directed to:	
8.		The asset of the Charles of the Char
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 16/453,302 filed on June 26, 2019.
Declaration		
As the below na	med inventor, I hereby dec	lare that;
The above-ident	ified application ("Applica	tion") was made or authorized by me,
I believe that I a	m the original inventor or :	an original inventor of a claimed invention or discovery in the Application.
	terial to patentability as de	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Pederal Regulations, §1.56 for filings of
		e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.
Assignment		
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Li	mited Liability Company of <u>Delaware</u> .
		einafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and tassigned and transferred		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority States, European Patent such inventions or disco continuations thereof, an supplementary protection and enjoyment to the full	y to the Application, all involved of the concepts and all rights in all to all Letters Patent that a certificates, reexamination and of the term or terms to	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t may be granted for said inventions and discoveries, and in and to all extensions, is, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would tent and sale not been made.
		Dago tof 3
		Page 1 of 2

PATENT REEL: 050165 FRAME: 0422

Attorney Docket No.: END9170USNP4/190162-4

US Application No.: 16/453,302

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Gregory J. Bakos	
LEGAL NAME OF INVENTOR	
Area 1 Bakes	JUY 16, 2019
Signaylire ()	Date /

Attorney Docket No.: <u>END9170USNP4/190162-4</u> US Application No.: <u>16/453,302</u>

	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	UNIVERSAL CART	RIDGE BASED KEY FEATURE THAT UNLOCKS MULTIPLE
	LOCKOUT ARRAN	GEMENTS IN DIFFERENT SURGICAL STAPLERS
This declaration and assi	goment is directed to:	
		The attached or filed herewith application of (list of named inventors)
		The same of the same same same same same same same sam
	9.0°	
		The United States application or PCT international application number 16/453,302 filed on June 26, 2019.
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As the below no	med inventor, I hereby dec	dare that:
The above-iden	tified application ("Applica	tion") was made or authorized by me.
I believe that I s	on the original inventor or	an original inventor of a claimed invention or discovery in the Application.
information which is ma		ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
		ic statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this. Application in the United States of America.
Assignment		
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	āLì	mited Liability Company of Delaware.
	(he	reinafter designated as the "Assignee"),
☐ I hereby acknow which is hereby conform	wledge that I have assigned ed for recordation in the U	I the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
oε		
For good and assigned and transferred		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority States. European Patent such inventions or disc continuations thereof, ar supplementary protection and enjoyment to the ful	y to the Application, all in Office and of all other co overies and all rights in id to all Letters Patent the certificates, reexamination I end of the term or terms	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and it may be granted for said inventions and discoveries, and in and to all extensions, as, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would tent and sale not been made.
		Page 1 of 2

PATENT REEL: 050165 FRAME: 0424

Attorney Docket No.: END9170USNP4/190162-4

US Application No.: 16/453,302

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I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Richard W. Timm	
LECAL NAME OF INVENTOR	
Sighature Sighature	7/15/19 Date

Page 2 of 2