PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4537738

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERICK E. SHELTON IV	03/06/2017
GREGORY J. BAKOS	03/02/2017
JASON L. HARRIS	03/17/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15385899

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

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

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

NAME OF SUBMITTER: C	CARA M. PINTO
	SAITA W. I INTO
SIGNATURE: /C	Cara M. Pinto/
DATE SIGNED: 08	08/07/2017
Т	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT REEL: 043211 FRAME: 0684

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PATENT REEL: 043211 FRAME: 0685

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: SURGICAL INSTRUM	ENT COMPRISING IMPROVED JAW CONTROL
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	·
	The United States application or PCT international application number 15/385,899 filed on December 21, 2016.
Declaration	
As the below named inventor, I hereby dec	lare that:
The above-identified application ("Applica	tion") was made or authorized by me.
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal 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 Endo-Surgery, LLC #475 Street C
	Los Frailes Industrial Park
	Guaynabo, Puerto Rico 00969
a Lài	mited Liability Company of <u>Delaware</u> .
(here	einafter 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:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all inv States, European Patent Office and of all other con such inventions or discoveries and all rights in a continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	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 antries, 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, 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 ent and sale not been made.

Page 1 of 2

Attorney Docket No.: END8016USNP/160178

US Application No.: 15/385,899

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.

Frederick E. Shelton, IV

LEGAL NAME OF INVENTOR

JEST SUPPLY TO THE S

Signature

Date

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: SURGICAL INSTRUMENT COMPRISING IMPROVED JAW CONTROL	
This declaration and assignment is directed to:	
The attached or filed herewith application of (list of named inventors)	;
or	
The United States application or PCT international application number 15/385,899 filed on December 21, 2016.	
Declaration	
As the below named inventor, I hereby declare that:	
The above-identified application ("Application") was made or authorized by me.	
I believe that I am the original inventor or an 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 information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for fithis Application in the United States of America.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.	fine or
Assignment Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969	
a Limited Liability Company of Delaware.	
(hereinafter designated as the "Assignee"),	
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to A which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	ssignee
or	
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/assigned and transferred to Assignee:	or have
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefre the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of the such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, division continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extra supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its cand enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same have been held and enjoyed by me had this assignment and sale not been made.	United nem, all ns, and ensions, own use
Page 1 of 2	

PATENT REEL: 043211 FRAME: 0688

Attorney Docket No.: END8016USNP/160178

US Application No.: 15/385,899

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	
Averal Caker	March 2, 2017
Signature	Date

		On Apparation 110., 1013actars
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>S</u>	URGICAL INSTRUME	ENT COMPRISING IMPROVED JAW CONTROL
This declaration and assign	ment is directed to:	
•		The attached or filed herewith application of (list of named inventors),
	. 61.	
	Ø	The United States application or PCT international application number 15/385,899 filed on December 21, 2016.
Declaration		
As the below name	ed inventor, I hereby deci	are that:
The above-identifi	ed application ("Applicat	ion") was made or authorized by me.
I believe that I am	the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
I have reviewed as information which is mater this Application in the Unit	ial to patentability as def	ats of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
		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 Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lin	nited Liability Company of Delaware.
	(here	inafter designated as the "Assignee"),
I hereby acknowled which is hereby conformed	dge that I have assigned for recordation in the US	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
).		
For good and valuesigned and transferred to A		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to states. European Patent Of such inventions or discover continuations thereof, and to applementary protection ce and enjoyment to the full en-	o the Application, all invo- ffice and of all other coun- cries and all rights in s to all Letters Patent that artificates, reexaminations ad of the term or terms for	the Application, including all priority rights for other countries arising therefrom and centions or discoveries therein disclosed, and any and all Letters Patent of the United intries, 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

PATENT REEL: 043211 FRAME: 0690

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.

Jason L. Harris LEGAL NAME OF INVENTOR	
Signature Signature	3/17/2017 Date

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PATENT

REEL: 043211 FRAME: 0691