### 504387747 05/30/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4434443

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
FREDERICK E. SHELTON IV	01/19/2017
DAVID C. YATES	02/14/2017
JASON L. HARRIS	01/11/2017
MARK D. OVERMYER	02/02/2017
KHARYL EVENSON GEORGE STEPHENS	02/01/2017

### **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:	15385922

## **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:** 210 SIXTH AVENUE Address Line 1: Address Line 2: **K&L GATES CENTER** 

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END8053USNP/160201
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/
DATE SIGNED:	05/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

# Total Attachments: 10 source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page1.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page2.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page3.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page4.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page5.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page6.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page7.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page8.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page9.tif source=Signed\_Combined\_Declaration\_and\_Assignment\_Documents#page9.tif

Attorney Docket No.: END8053USNP/160201 US Application No.: 15/385.922

	US Application No.: <u>15/385,922</u>
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL INSTRUM	ENT WITH MULTIPLE FAILURE RESPONSE MODES
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
<b>⊠</b>	The United States application or PCT international application number 15/385,922 filed on December 21, 2016.
Declaration	•
As the below named inventor, I hereby de-	clare that:
The above-identified application ("Application of the control of t	ation") 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.
	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
	se 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 Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
a Li	imited Liability Company of <u>Delaware</u> .
(he	reinafter designated as the "Assignee"),
	d 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 valuable consideration, the assigned and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to the Application, all in- States, European Patent Office and of all other co- such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the 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 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 at may be granted for said inventions and discoveries, and in and to all extensions, ns, 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 nent and sale not been made.
	Page 1 of 2

Attorney Docket No.: END8053USNP/160201 US Application No.: 15/385,922

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

Medial Shelinix

Signature

Date

1/19/17

Attorney Docket No.: END8053USNP/160201

US Application No.: 15/385,922

	Ob 11pp110ation 110 15/505,722
COMBINED DECLARATION AND ASSIGN	NMENT
Title of Invention: SURGICAL INSTRUMENT WITH MULTIPLE FAILURE RE	SPONSE MODES
This declaration and assignment is directed to:	
The attached or filed herewith applicati	ion of (list of named inventors),
or	
The United States application or PCT in number 15/385,922 filed on December	
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	n or discovery in the Application.
I have reviewed and understood the contents of the Application, including the claimformation which is material to patentability as defined in Title 37, the United States Code this Application in the United States of America.	
I hereby acknowledge that any willful false statement made in this declaration is primprisonment of not more than five (5) years, or both for filings of this Application in the Ur	
Assignment	
Ethicon Endo-Surgery, LLC #475 Street C	•
Los Frailes Industrial Park Guaynabo, Puerto Rico 00969	
a Limited Liability Company of <u>Delaware</u> .	
(hereinafter designated as the "Assignee"),	
I hereby acknowledge that I have assigned the above-identified invention by previous which is hereby conformed for recordation in the US Patent Office and I confirm I have and confirm I have an accordance to the confirm I have a confirm I have	
or	
For good and valuable consideration, the sufficiency of which is acknowledged assigned and transferred to Assignee:	, I hereby assign and transfer and/or have
my entire right, title, and interest in, to, and under the Application, including all priority rig the right to claim priority to the Application, all inventions or discoveries therein disclosed, States, European Patent Office and of all other countries, which may be granted for such is such inventions or discoveries and all rights in such Application including any and all continuations thereof, and to all Letters Patent that may be granted for said inventions an supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be hand enjoyment to the full end of the term or terms for which such Letters Patent may be gran have been held and enjoyed by me had this assignment and sale not been made.	and any and all Letters Patent of the United nventions or discoveries, or any of them, all l provisionals, substitutions, divisions, and id discoveries, and in and to all extensions, all and enjoyed by Assignee for its own use
Page 1 of 2	
ENVE LOI A	

Attorney Docket No.: END8053USNP/160201 US Application No.: 15/385,922

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.

David C. Yates

LEGAL NAME OF INVENTOR

Signature

Date

Attorney Docket No.: END8053USNP/160201
US Application No.: 15/385,922

		US Application No.: 13/383,922
COMBI	NED I	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL INSTE	RUMEN	T WITH MULTIPLE FAILURE RESPONSE MODES
This declaration and assignment is directed to	):	·
,		The attached or filed herewith application of (list of named inventors),
	or	
	$\boxtimes$	The United States application or PCT international application number <u>15/385,922</u> filed on <u>December 21, 2016</u> .
Declaration		
As the below named inventor, I here	by decla	ure that:
The above-identified application ("A	pplicati	on") was made or authorized by me.
I believe that I am the original invent	tor or an	original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the information which is material to patentability this Application in the United States of Amer	y as defi	ts of the Application, including the claims, and I acknowledge the duty to disclose ned in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willf imprisonment of not more than five (5) years,	ful false , or both	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 Lim	ited Liability Company of Delaware.
		inafter designated as the "Assignee"),
I hereby acknowledge that I have as which is hereby conformed for recordation in	signed	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 assigned and transferred to Assignee:	on, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, States, European Patent Office and of all of such inventions or discoveries and all righ continuations thereof, and to all Letters Pate supplementary protection certificates, reexam	all invented the second the second that in a second the	the Application, including all priority rights for other countries arising therefrom and contions or discoveries therein disclosed, and any and all Letters Patent of the United natries, 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, or, 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 not and sale not been made.

Page 1 of 2

Attorney Docket No.: <u>END8053USNP/160201</u> US Application No.:15/385,922

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	
Joint Min	1/11/2017
Signature	Date '

Attorney Docket No.: END8053USNP/160201

	US Application No.: <u>15/385,922</u>
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL INSTRUM	ENT WITH MULTIPLE FAILURE RESPONSE MODES
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 15/385,922 filed on December 21, 2016.
Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applic	ation") 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 cont information which is material to patentability as d this Application in the United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose lefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or oth 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 L	imited Liability Company of <u>Delaware</u> .
(he	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and aventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and that may be granted for said inventions and discoveries, and in and to all extensions, ons, 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 ment and sale not been made.

Page 1 of 2

Attorney Docket No.: END8053USNP/160201 US Application No.:15/385,922

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.

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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.

Mark D. Overmyer

LEGAL NAME OF INVENTOR

Walk Overnya Signature

Feb 2, 2017

Attorney Docket No.: <u>END8053USNP/160201</u> US Application No.: <u>15/385,922</u>

	100 14pp 100 110 11 120 120 120 120 120 120 120
COMBINE	ED DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL INSTRU	MENT WITH MULTIPLE FAILURE RESPONSE MODES
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 <u>15/385,922</u> filed on <u>December 21, 2016</u> .
Declaration	
As the below named inventor, I hereby	declare that:
The above-identified application ("Appl	ication") 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 co	ntents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful imprisonment of not more than five (5) years, or	Talse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both 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
а	Limited Liability Company of <u>Delaware</u> .
(	hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assig which is hereby conformed for recordation in the	ned the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, assigned and transferred to Assignee:	the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all States, European Patent Office and of all other such inventions or discoveries and all rights continuations thereof, and to all Letters Patent supplementary protection certificates, reexamina	er the Application, including all priority rights for other countries arising therefrom and inventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all in such Application including any and all provisionals, substitutions, divisions, and that may be granted for said inventions and discoveries, and in and to all extensions, tions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use as for which such Letters Patent may be granted, as fully and entirely as the same would nament and sale not been made.
	Page 1 of 2

Attorney Docket No.: <u>END8053USNP/160201</u> US Application No.: <u>15/385,922</u>

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.

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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.

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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.

Kharyl Evenson George Stephens

LEGAL NAME OF INVENTOR

Signature

Date

FEB201