### 06/21/2017 504424370

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4471070

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
EITAN T. WIENER	10/13/2016
FOSTER B. STULEN	10/12/2016
MICHAEL J. STOKES	10/18/2016
KAREN K. ISAACS	04/10/2017
WILLIAM J. KRAIMER	02/23/2017

### **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:	15260644

### **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: 412-355-6423

Email: piuspatents@klgates.com ROBERTO CAPRIOTTI **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:	END6129USCNT1/070127CON1
NAME OF SUBMITTER:	ROBERTO CAPRIOTTI
SIGNATURE:	/Roberto Capriotti/
DATE SIGNED:	06/21/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**REEL: 042769 FRAME: 0938** 

PAIENI

### 504424370

# 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

US Application No.: 15/260,644

COMBINED DECLARATION AND ASSIGNMENT			
Fitle of Invention: <u>ULTRASONIC SU</u>	RGICA	L INSTRUMENTS	
This declaration and assignment is directed to	);		
1		The attached or filed herewith application of (list of named inventors),	
	or		
!	$\boxtimes$	The United States application or PCT international application number 15/260,644 filed on September 9, 2016.	
Declaration			
As the below named inventor, I here	by decl	are that:	
The above-identified application ("A	Applicat	ion") was made or authorized by me.	
I believe that I am the original inven	itor or a	n original inventor of a claimed invention or discovery in the Application.	
I have reviewed and understood the information which is material to patentabilit in Application in the United States of Ame	y as def	ats of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or mprisonment of not more than five (5) years, 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	
	a Lin	nited 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 considerations 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 right continuations thereof, and to all Letters Pates supplementary protection certificates, reexam	, all invection ther countries in a standard that the content of the countries for t	the 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 notices, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and a 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	

US Application No.: 15/260,644

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.

Eitan T. Wiener

LEGAL NAME OF INVENTOR,

Signature

Data

Page 2 of 2

10/13/2016

Attorney Docket No.: <u>END6129USCNT1/070127CON1</u> US Application No.: <u>15/260,644</u>

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: <u>ULTRASONIC SUI</u>	RGICA	L INSTRUMENTS
This declaration and assignment is directed to	):	
1		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number <u>15/260,644</u> filed on <u>September 9, 2016</u> .
Declaration		
As the below named inventor, I here	by decla	are that:
The above-identified application ("A	Applicati	on") was made or authorized by me.
I believe that I am the original inven	itor or ar	n original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the information which is material to patentabilithis Application in the United States of Ame	y as def	ts of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any will 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 Lin	nited Liability Company of Delaware.
	(here	inafter designated as the "Assignee"),
I hereby acknowledge that I have a which is hereby conformed for recordation in	ssigned 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:
or		
For good and valuable considerati assigned and transferred to Assignee;	ion, 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 rigiontinuations thereof, and to all Letters Pateupplementary protection certificates, reexangles.	, all invented that in standard that that that that the terms for the te	ne 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
		ent and sale not been made.

US Application No.: <u>15/260,644</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.

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.

Foster B. Stulen LEGAL NAME OF INVENTOR	
Foste B Stal	10/12/2016
Signature	Date

Attorney Docket No.: <u>BND6129USCNT1/070127CON1</u>
US Application No.: <u>15/260,644</u>

# COMBINED DECLARATION AND ASSIGNMENT

Fitle of Invention: <u>ULTRASONIC SU</u>		IL INSTRUMENTS
This declaration and assignment is directed t	:0;	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 15/260,644 filed on September 9, 2016.
Declaration		
As the below named inventor, I her	eby decl	are that:
The above-identified application ("	Applicat	tion") was made or authorized by me.
I believe that I am the original inve	ntor or a	n original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the information which is material to patentabilithis Application in the United States of Am	ty 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 Federal Regulations, §1.56 for filings of
I hereby acknowledge that any wil imprisonment of not more than five (5) year	lful falses, or bot	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
	* 1	
		mited Liability Company of <u>Delaware</u> .
		einafter designated as the "Assignee"),
I hereby acknowledge that I have which is hereby conformed for recordation is	assigned in the US	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 considera assigned and transferred to Assignee:	tion, 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 ci such inventions or discoveries and all ri continuations thereof, and to all Letters Passynphementary protection certificates, reexa	n, all invother conghts in atent that mination terms f	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

US Application No.: 15/260,644

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.

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.

Michael J. Stokes

LEGAL NAME OF INVENTOR

Signature

Data

Page 2 of 2

10/18/2016

Attorney Docket No.: <u>BND6129USCNT1/070127CON1</u>
US Application No.: <u>15/260,644</u>

COMBINED DECLARATION AND ASSIGNMENT			
Title of Invention: <u>ULTRASONIC SURGICAL INSTRUMENTS</u>			
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 15/260,644 filed on September 9, 2016.		
Declaration			
As the below named inventor, I hereby declar	are that:		
The above-identified application ("Application	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 and understood the contentinformation which is material to patentability as defithis Application in the United States of America.	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		
I hereby acknowledge that any willful false imprisonment of not more than five (5) years, or both	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 <u>Delaware</u> .		
(here	einafter designated as the "Assignee"),		
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US 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 consuch 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 rentions 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.: <u>END6129USCNT1/070127CON1</u> US Application No.: 15/260,644

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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.

Karen K. Isaacs

LEGAL NAME OF INVENTOR

Cionature

April 10 2017

US Application No.:	15/260,644
oopp	1010001011

COMBINED DECLARATION AND ASSIGNMENT			
Title of Invention: <u>ULTRASONIC SURGICAL INSTRUMENTS</u>			
This declarat	ion and assignment is directed	to:	
			The attached or filed herewith application of (list of named inventors),
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Declaratio	n		
As t	he below named inventor, I he	reby dec	:lare that:
The	above-identified application (	"Applica	ation") was made or authorized by me.
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information		lity as de	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
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Assignme	at		
	·		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	ereinafter designated as the "Assignee"),
			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			į.
	good and valuable considerations transferred to Assignee:	ition, the	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to of States, Euro such invention continuation supplementa and enjoyme	claim priority to the Application pean Patent Office and of all one or discoveries and all rist thereof, and to all Letters Pry protection certificates, reexa	on, all in other co ights in Patent the aminatio or terms	the Application, including all priority rights for other countries arising therefrom and eventions 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 at 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

US Application No.: 15/260,644

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William J. Kraimer	
LEGAL NAME OF INVE	NTOR
William D&	aime
Signature	

2/23/2017

Page 2 of 2