506028020 04/23/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6074735

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK A. NEUROHR	01/09/2020
GALEN C. ROBERTSON	01/21/2020
LOUIS T. DELUCA	04/06/2020
FOSTER B. STULEN	01/13/2020
DANIEL W. PRICE	01/09/2020

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:	15995852

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:	END6051USCNT3/060878CON3
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/
DATE SIGNED:	04/23/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

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REEL: 052475 FRAME: 0954

Total Attachments: 10 source=signed_combined_declarations_assignments#page1.tif source=signed_combined_declarations_assignments#page2.tif source=signed_combined_declarations_assignments#page3.tif source=signed_combined_declarations_assignments#page4.tif source=signed_combined_declarations_assignments#page5.tif source=signed_combined_declarations_assignments#page6.tif source=signed_combined_declarations_assignments#page7.tif source=signed_combined_declarations_assignments#page8.tif source=signed_combined_declarations_assignments#page9.tif source=signed_combined_declarations_assignments#page9.tif

		US Application No.: <u>15/995,852</u>
CO	MBINED	DECLARATION AND ASSIGNMENT
Fitle of Invention: <u>ULTRASON</u>	IC SURGIC	CAL INSTRUMENTS
This declaration and assignment is dire	cted to:	
		The attached or filed herewith application of (list of named inventors)
	er	
	1.1	
		The United States application or PCT international application number 15/995,852 filed on June 1, 2018.
Declaration	:	
As the below named inventor,	I hereby dea	clare that:
The above-identified applicati	on ("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.
	tability 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
		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 LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a L	imited Liability Company of Delaware.
	(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:
ır		
For good and valuable consisting for good and valuable consisting for good and transferred to Assignee;	ideration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to the Applicates. European Patent Office and of such inventions or discoveries and a continuations thereof, and to all Lette supplementary protection certificates, and the supplementary protection certificates.	cation, all in fall other could rights in respect to the case of t	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 buntries, 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, ans, 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.: 15/995,852

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.

Mark A. Neurohr	
LEGAL NAME OF INVENTOR	
LEGAL NAME OF INVENTOR	JaJary 9, 2020
Signatyre	Date

	US Application No.: 15/295,852								
COMBINED DECL	ARATION AND ASSIGNMENT								
Title of Invention: <u>ULTRASONIC SURGICAL INS</u>	TRUMENTS								
This declaration and assignment is directed to:									
The at	ached or filed herewith application of (list of named inventors)								
\$\$°									
	iited States application or PCT international application r <u>15/995,852</u> filed on <u>June 1, 2018</u> .								
Declaration									
As the below named inventor, I hereby declare that									
The above-identified application ("Application") w	is made or authorized by me.								
I believe that I am the original inventor or an origin	al inventor of a claimed invention or discovery in the Application.								
	e Application, including the claims, and I acknowledge the duty to disclose 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 imprisonment of not more than five (5) years, or both for filings of this. Application in the United States of America.									
Assignment									
Los	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969								
a Limited Li	ability Company of <u>Delaware</u> .								
(hereinafter	designated as the "Assignee").								
I hereby acknowledge that I have assigned the abowhich is hereby conformed for recordation in the US Patent	ve-identified invention by previous assignment (attached hereto) to Assignee Office and I confirm I have and do assign and transfer.								
or									
For good and valuable consideration, the suffici- assigned and transferred to Assignee:	ency of which is acknowledged, I hereby assign and transfer and/or have								
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom a the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the Unit States. European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, a continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extension supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own and 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 were have been held and enjoyed by me had this assignment and sale not been made.									
	Page 1 of 2								

US Application No.: 15/995,852

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 recommutation 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 missue 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.

Galen C. Robertson LEGAL NAME OF INV	/ENTOR		
Signature	<u>RL</u>	1/24/26Z6 Date	

Page 2 of 2

Attorney Docket No.: <u>END6051USCNT3/060878CON3</u> US Application No.: <u>15/995.852</u>

	COMI	BINED	DECLARATION AND ASSIGNMENT						
Title	of Invention: <u>ULTRASONIC S</u>	URGIC	AL INSTRUMENTS						
This de	claration and assignment is directed	toc							
			The attached or filed herewith application of (list of named inventors),						
		or							
			The United States application or PCT international application number 15/995.852 filed on June 1, 2018.						
Decla	ration								
	As the below named inventor, I he	reby dec	lace that:						
	The above-identified application ('Applica	tion") was made or authorized by me.						
	I believe that I am the original inve	entor or a	m 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 formation which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of a Application in the United States of America.								
impriso			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.						
Assigi	ament		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969						
		a Li	mited Liability Company of <u>Delaware</u> .						
		(her	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:						
er									
⊠ assigne	For good and valuable considers d and transferred to Assignee:	tion, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have						
the right States, such in continu suppler and enj	nt to claim priority to the Application. European Patent Office and of all aventions or discoveries and all ristations thereof, and to all Letters Parentary protection certificates, reexa	m, all invother conglished in a length the mination of terms l	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.: 15/995,852

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 Assignce and to vest and confirm in Assignce 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.

Louis T. DeLuca

LEGAL NAME OF INVENTOR

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4/6/2020

Page 2 of 2

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		US Application No.: <u>15/995,852</u>
	COMBINED DECLARATIO	ON AND ASSIGNMENT
Title of Invention: <u>ULTRASO</u>	INIC SURGICAL INSTRUMEN	<u>IS</u>
This declaration and assignment is d	irected to:	
	The attached or 6	iled herewith application of (list of named inventors),
	or	
		s application or PCT international application 52 filed on June 1, 2018.
Declaration		
As the below named invent	or, I hereby declare that:	
The above-identified applic	cation ("Application") was made or	authorized by me.
I believe that I am the origi	nal inventor or an original inventor	of a claimed invention or discovery in the Application.
I have reviewed and under information which is material to parthis Application in the United States	tentability as defined in Title 37, the	ion, including the claims, and I acknowledge the duty to disclose he United States Code of Federal Regulations, §1.56 for filings of
		n this declaration is punishable under 18 U.S.C. § 1001 by fine or Application in the United States of America.
Assignment		
	Ethicon #475 Street C, Los Frailes Ind Guaynabo, Puerte	Suite 401 ustrial Park
	a Limited Liability Con	npany of <u>Delaware</u> .
	(hereinafter designated	as the "Assignee"),
I hereby acknowledge that which is hereby conformed for record	I have assigned the above-identific rdation in the US Patent Office and	ed invention by previous assignment (attached hereto) to Assignee I confirm I have and do assign and transfer:
For good and valuable or assigned and transferred to Assigned		hich is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Ap States, European Patent Office and such inventions or discoveries and continuations thereof, and to all La supplementary protection certificate	plication, all inventions or discove I of all other countries, which may d all rights in such Application etters Patent that may be granted es, reexaminations, renewals, and re e term or terms for which such Lett	cluding all priority rights for other countries arising therefrom and aries therein disclosed, and any and all Letters Patent of the United be grunted for such inventions or discoveries, or any of them, all including any and all provisionals, substitutions, divisions, and for said inventions and discoveries, and in and to all extensions, eissues thereof, to be held and enjoyed by Assignee for its own use ters Patent may be granted, as fully and entirely as the same would ten made.

Page 1 of 2

US Application No.: 15/995,852

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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.

Foster B. Stulen LEGAL NAME OF IN	KVENTOR	*	
Boste	B. Atul	1/13	12020
Signature		Date	№

		US Application No.: <u>15/995,852</u>
C	OMBINEI	DECLARATION AND ASSIGNMENT
Fitle of Invention: <u>ULTRASO</u>	VIC SURGIC	CAL INSTRUMENTS
This declaration and assignment is dir	ected to:	
	П	The attached or filed herewith application of (fist of named inventors),
	or	
		The United States application or PCT international application number 15/995,852 filed on June 1, 2018.
Declaration		
As the below named invento	r, I hereby de	clare that:
The above-identified applica	tion ("Applic	ation") was made or authorized by me.
I believe that I am the origin	al inventor or	an original inventor of a claimed invention or discovery in the Application.
	ntability as d	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 L.L.C #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	аL	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 IS Patent Office and I confirm I have and do assign and transfer:
or .		
For good and valuable con assigned and transferred to Assignee:	sideration, th	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to the Appi States, European Patent Office and couch inventions or discoveries and continuations thereof, and to all Let- supplementary protection certificates,	lication, all in of all other ca all rights in ters Patent th , reexamination term 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 let 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.: 15/995,852

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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.

Daniel W. Price	
LEGAL NAME OF INVENTOR	
Denluz:	01/09/2020
Signature	Date

Page 2 of 2