505272666 01/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5319438

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERICK E. SHELTON IV	01/08/2019
MICHAEL D. CRONIN	01/05/2019
KEVIN M. FIEBIG	01/03/2019
ANDREW R. CONWAY	01/03/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16222195

CORRESPONDENCE DATA

Fax Number: (513)651-6981

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: 513-651-6800
Email: lobrien@fbtlaw.com

Correspondent Name:FROST BROWN TODD LLCAddress Line 1:301 EAST FOURTH STREETAddress Line 2:3300 GREAT AMERICAN TOWER

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	END9042USNP1.0712347	
NAME OF SUBMITTER:	ELISABETH O'BRIEN	
SIGNATURE:	/Elisabeth O'Brien/	
DATE SIGNED:	01/10/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 047957 FRAME: 0692

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Total Attachments: 8 source=END9042USNP1_ComboDecAsnEES#page1.tif source=END9042USNP1_ComboDecAsnEES#page2.tif source=END9042USNP1_ComboDecAsnEES#page3.tif source=END9042USNP1_ComboDecAsnEES#page4.tif source=END9042USNP1_ComboDecAsnEES#page5.tif source=END9042USNP1_ComboDecAsnEES#page6.tif source=END9042USNP1_ComboDecAsnEES#page7.tif source=END9042USNP1_ComboDecAsnEES#page8.tif

Attorney Docket No.: <u>END9042USNP1</u>
US Application No.: <u>16/222,195</u>

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: IMPLANTABLE SPHINCTER	ASSISTANCE DEVICE WITH TUNED MAGNETIC FEATURES	
This declaration and assignment is directed to:		
	he attached or filed herewith application of (list of named inventors),	
or		
	he United States application or PCT international application umber 16/222,195 filed on December 17, 2018.	
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 o	riginal inventor of a claimed invention or discovery in the Application.	
	of the Application, including the claims, and I acknowledge the duty to disclose d in Title 37, the United States Code of Federal Regulations, §1.56 for filings of	
	atement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or or filings of this Application in the United States of America.	
Assignment		
	Ethicon LLC #475 Street C, Suite 401	
	Los Frailes Industrial Park	
a Limite	Guaynabo, PR 00969 d Liability Company of <u>Delaware</u> .	
(herein	after designated as the "Assignee"),	
	above-identified invention by previous assignment (attached hereto) to Assignee stent Office and I confirm I have and do assign and transfer:	
or		
For good and valuable consideration, the su assigned and transferred to Assignee:	fficiency of which is acknowledged, I hereby assign and transfer and/or have	
the right to claim priority to the Application, all invent States, European Patent Office and of all other countr such inventions or discoveries and all rights in such continuations thereof, and to all Letters Patent that m supplementary protection certificates, reexaminations, r	Application, including all priority rights for other countries arising therefrom and ions or discoveries therein disclosed, and any and all Letters Patent of the United ies, which may be granted for such inventions or discoveries, or any of them, all h Application including any and all provisionals, substitutions, divisions, and ay be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use which such Letters Patent may be granted, as fully and entirely as the same would and sale not been made.	
	Page 1 of 2	

Attorney Docket No.: END9042USNP1 US Application No.: 16/222,195

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 nominces, 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	
Jeal Il	1/8/19
Signature	Date //

Page 2 of 2

Attorney Docket No.; <u>END9042USNP1</u> US Application No.; <u>16/222,195</u>

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: IMPLANTABLES	PHINCTER ASSISTANCE DEVICE WITH TUNED MAGNETIC FEATURES
This declaration and assignment is directe	dito:
	The attached or filed herewith application of (list of named inventors),
	The United States application or PCT international application number 16/222,195 filed on December 17, 2018.
Declaration	
Decimi anon	
As the below named inventor, I h	ereby declare that:
The above-identified application	("Application") was made or authorized by me.
I believe that I am the original in	ventor or an original inventor of a claimed invention or discovery in the Application.
	the contents of the Application, including the claims, and I acknowledge the duty to disclose sility as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of merica.
	villful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or ars, or both for filings of this Application in the United States of America.
Assignment	
	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 a Limited Liability Company of <u>Delaware</u> .
	(hereinafter designated as the "Assignee"),
	e assigned the above-identified invention by previous assignment (attached hereto) to Assignee n in the US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable conside assigned and transferred to Assignee:	ration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applicat States, European Patent Office and of al such inventions or discoveries and all continuations thereof, and to all Letters supplementary protection certificates, rec-	and under the Application, including all priority rights for other countries arising therefrom and ion, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United I other countries, which may be granted for such inventions or discoveries, or any of them, all rights in such Application including any and all provisionals, substitutions, divisions, and Patent that may be granted for said inventions and discoveries, and in and to all extensions, xaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or terms for which such Letters Patent may be granted, as fully and entirely as the same would is assignment and sale not been made.
	Page 1 of 2

Attorney Docket No.: END9042USNP1 US Application No.: 16/222,195

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 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.

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LEGAL NAME OF INVENTOR

Signature

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Page 2 of 2

Attorney Docket No.: <u>END9042USNP1</u> US Application No.: <u>16/222.195</u>

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er	
	The United States application or PCT international application number 16/222,195 filed on December 17, 2018.
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.
	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
» f	Guaynabo, PR 00969 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
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 th supplementary protection certificates, reexamination	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 puntries, 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 nent and sale not been made.
	Page 1 of 2

Attorney Docket No.: END9042USNP1 US Application No.: 16/222,195

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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.

Kevin M. Fiebig

LEGAL NAME OF INVENTOR

Signature

<u>01/63/2019</u> Date

Page 2 of 2

Attorney Docket No.: <u>END9042USNP1</u>
US Application No.: <u>16/222,195</u>

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Assignment	
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	(hereinafter designated as the "Assignee"),
	ve assigned the above-identified invention by previous assignment (attached hereto) to Assignee on in the US Patent Office and I confirm I have and do assign and transfer:
w	
For good and valuable consides assigned and transferred to Assignee:	eration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applica States, European Patent Office and of a such inventions or discoveries and all continuations thereof, and to all Letters supplementary protection certificates, re-	and under the Application, including all priority rights for other countries arising therefrom and ation, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United all other countries, which may be granted for such inventions or discoveries, or any of them, all rights in such Application including any and all provisionals, substitutions, divisions, and a Patent that may be granted for said inventions and discoveries, and in and to all extensions, examinations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use nor terms for which such Letters Patent may be granted, as fully and entirely as the same would his assignment and sale not been made.
	Page 1 of 2

Attorney Docket No.: <u>END9042USNP1</u> US Application No.: <u>16/222,195</u>

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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.

Andrew R. Conway

LEGAL NAME OF INVENTOR

Signature

01/03/2019 Date

Page 2 of 2

PATENT

REEL: 047957 FRAME: 0701