## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4905091

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FREDERICK E. SHELTON IV	02/06/2018
TIMOTHY S. BEDARD	09/14/2017

### **RECEIVING PARTY DATA**

Name:	ETHICON LLC	
Street Address:	et 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:	15664665

### 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: jdewar@fbtlaw.com **Correspondent Name:** JAMIE DEWAR

Address Line 1: 301 EAST FOURTH STREET Address Line 2: 3300 GREAT AMERICAN TOWER

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	END8342USNP.0647664
NAME OF SUBMITTER:	ANDREW B. ULMER
SIGNATURE:	/Andrew B. Ulmer/
DATE SIGNED:	04/09/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 4**

source=END8342USNP DecAsn 04-09-18#page1.tif source=END8342USNP\_DecAsn\_04-09-18#page2.tif

**PATENT** REEL: 045475 FRAME: 0684 504858352

source=END8342USNP\_DecAsn\_04-09-18#page3.tif source=END8342USNP\_DecAsn\_04-09-18#page4.tif

PATENT REEL: 045475 FRAME: 0685

# COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD FOR AS	SSISTING	A SPHINCTER
This declaration and assignment is directe	d to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	$\boxtimes$	The United States application or PCT international application number 15/664,665 filed on July 31, 2017.
Declaration		
As the below named inventor, I h	ereby decl	lare that:
The above-identified application	("Applicat	tion") was made or authorized by me.
I believe that I am the original in	ventor or a	in original inventor of a claimed invention or discovery in the Application.
	ility 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
		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		
	a Lin	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 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 consider assigned and transferred to Assignee:	ation, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applicati States, European Patent Office and of all such inventions or discoveries and all a continuations thereof, and to all Letters I supplementary protection certificates, reex	on, all involution, other courights in some safet that amination for terms for the terms	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 intries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, s, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.
		Page 1 of 2

PATENT REEL: 045475 FRAME: 0686

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

Signature

Data

Page 2 of 2

# COMBINED DECLARATION AND ASSIGNMENT

Title	of Invention: METHOD FOR ASS	<u>ISTING</u>	A SPHINCTER
This d	eclaration 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>15/664,665</u> filed on <u>July 31, 2017</u> .
Decla	aration		
	As the below named inventor, I her	reby dec	lare that:
	The above-identified application (	Applica	ation") was made or authorized by me.
	I believe that I am the original inve	entor or	an original inventor of a claimed invention or discovery in the Application.
this A	nation which is material to patentabil application in the United States of Am  I hereby acknowledge that any wisonment of not more than five (5) year	ity as de erica. Ilful fals s, or bo	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 the 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.  Ethicon LLC  #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 imited Liability Company of Delaware.  reinafter designated as the "Assignee"),
$\Box$	I hereby acknowledge that I have	`	d the above-identified invention by previous assignment (attached hereto) to Assignee
which	is hereby conformed for recordation	in the U	S Patent Office and I confirm I have and do assign and transfer:
or			
⊠ assign	For good and valuable considerated and transferred to Assignee:	tion, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the ris	to claim priority to the Application	n, all in	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 buntries, which may be granted for such inventions or discoveries, or any of them, all

Page 1 of 2

have been held and enjoyed by me had this assignment and sale not been made.

such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use 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 would

era julius i dan dan kusungan mengan berakan menganan Ranjat dekonsa 1870 bili dan menganan Dan 17 mengan berakan dan kusungan Charamat Propinsi Ranjat dekonsa 1870 bili dan menganan berakan berakan ber Berakan persamanan

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.

Timothy S. Bedard

LEGAL NAME OF INVENTOR

Sionature

Dote