504330046 04/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4376732

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN D. FELDER	02/27/2017
JASON L. HARRIS	02/24/2017
RUDOLPH H. NOBIS	02/27/2017
LAWRENCE CRAINICH	02/16/2017

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:	15426656

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

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

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	END7276USCNT1.0644563
NAME OF SUBMITTER:	ANDREW B. ULMER
SIGNATURE:	/Andrew B. Ulmer/
DATE SIGNED:	04/20/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 042078 FRAME: 0813 504330046

Total Attachments: 8 source=END7276USCNT1_DecAsn_signed#page1.tif source=END7276USCNT1_DecAsn_signed#page2.tif source=END7276USCNT1_DecAsn_signed#page3.tif source=END7276USCNT1_DecAsn_signed#page4.tif source=END7276USCNT1_DecAsn_signed#page5.tif source=END7276USCNT1_DecAsn_signed#page6.tif source=END7276USCNT1_DecAsn_signed#page7.tif source=END7276USCNT1_DecAsn_signed#page8.tif

PATENT REEL: 042078 FRAME: 0814

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: ENDOLUMINAL STAPLES	R WITH ROTATING WHEEL CAM FOR MULTI-STAPLE FIRING
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 15/426,656 filed on February 7, 2017.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application ("Application of the content of th	ntion") was made or authorized by me.
•	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the conto	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 LLC #475 Street C, Suite 401 Los Frailes Industrial Park
a Li	Guaynabo, PR 00969 mited Liability Company of <u>Delaware</u> .
(he	reinafter designated as the "Assignee"),
☐ I hereby acknowledge that I have assigned	I 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:	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 that 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, 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

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 Assignce 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.

Keyin <u>D. Felder</u>

LEGAL NAME OF INVENTOR

Signature

Date

2/27/17

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: <u>BNDOLUMINAL STAPLE</u>	R WITH ROTATING WHEEL, CAM FOR MULTI-STAPLE FIRING
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 15/426,656 filed on February 7, 2017.
Declaration	
As the below named inventor, I hereby de	colare that:
The above-identified application ("Application")	cation") 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 con information which is material to patentability as this Application in the United States of America.	tents 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 fa imprisonment of not more than five (5) years, or b	lse 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	
a I	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 Limited Liability Company of <u>Delaware</u> .
(h	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assign which is hereby conformed for recordation in the I	ed the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
01'	
For good and valuable consideration, t assigned and transferred to Assignee;	he sufficiency 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 and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, Buropean Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all 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 have been held and enjoyed by me had this assignment and sale not been made.	
Page 1 of 2	

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

Signature

2174/2017

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: ENDOLUMINAL STAP	LER WITH ROTATING WHEEL CAM FOR MULTI-STAPLE FIRING
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
OI	
<u>.</u>	The United States application or PCΓ international application number 15/426,656 filed on February 7, 2017.
Declaration	
As the below named inventor, I hereby	declare that:
The above-identified application ("Ap	plication") was made or authorized by me.
	r or an 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 as 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	false 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 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"),
I hereby acknowledge that I have assimhich is hereby conformed for recordation in the	igned the above-identified invention by previous assignment (attached hereto) to Assignee he US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration assigned and transferred to Assignee:	n, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, a States, European Patent Office and of all oth such inventions or discoveries and all right continuations thereof, and to all Letters Pater	all inventions or discoveries therein disclosed, and any and all Letters Patent of the United or countries, which may be granted for such inventions or discoveries, or any of them, all is in such Application including any and all provisionals, substitutions, divisions, and at that may be granted for said inventions and discoveries, and in and to all extensions, nations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use arms for which such Letters Patent may be granted, as fully and entirely as the same would signment and sale not been made.
	Page 1 of 2

PATENT REEL: 042078 FRAME: 0819

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 Assignce 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.

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.

Rudolph H. Nobis	
LEGAL NAME OF INVENTOR	
ρ	
$A(C \wedge A(V))$	F.h 22 2012
Signature	Date

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ENDOLUMINA	L STAPLEI	R WITH ROTATING WHEEL CAM FOR MULTI-STAPLE FIRING
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		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number <u>15/426,656</u> filed on <u>February 7, 2017</u> .
Declaration		
As the below named inventor,	I hereby de	clare that:
The above-identified application	on ("Applica	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 understo information which is material to paten this Application in the United States of	ability as d	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
I hereby acknowledge that an imprisonment of not more than five (5)	y willful fal years, or bo	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	a L	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 .imited Liability Company of <u>Delaware</u> .
	(he	ereinafter designated as the "Assignee"),
I hereby acknowledge that I h which is hereby conformed for recorda	ave assigne tion in the U	ed 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 constassigned and transferred to Assignee:	deration, th	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Appli-	cation, all ir	the Application, including all priority rights for other countries arising therefrom and enventions 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

States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all 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 have been held and enjoyed by me had this assignment and sale not been made.

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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.

Lawrence Crainich

LEGAL NAME OF INVENTOR

Signature

FOBNUMY 16,2017

Date