PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8190559

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON L. HARRIS	01/13/2020
DAVID C. YATES	01/07/2020
FREDERICK E. SHELTON IV	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:	18214242

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) 355-8334

Email: piuspatents@klgates.com **Correspondent Name:** CAMERON P. THORNTON

Address Line 1: 210 SIXTH AVENUE K&L GATES CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER: END7798USCNT3/150512CON3	
NAME OF SUBMITTER: CAMERON P. THORNTON	
SIGNATURE:	/Cameron P. Thornton/
DATE SIGNED: 09/27/2023	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT REEL: 065044 FRAME: 0581

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source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page1.tif source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page2.tif source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page3.tif source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page4.tif source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page5.tif source=END7798USCNT3_150512CON3_ComboDecAsn-from-parent_Inventors-to-Ethicon_LLC#page6.tif

Attorney Docket No.: END7798USCNT1/150512CON1

		US Application No.: <u>16/378,006</u>
CO	MBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL I	NSTRUME	ENTS WITH SEPARABLE MOTORS AND MOTOR CONTROL CIRCUITS
This declaration and assignment is direc	ted to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number 16/378,006 filed on April 8, 2019.
Declaration		
As the below named inventor, i	hereby dec	clare that:
The above-identified application	n ("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.
	ability 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 the 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 Ríco 00969
	a Li	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 considuations assigned and transferred to Assignee:	deration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applic States, European Patent Office and of such inventions or discoveries and al continuations thereof, and to all Letter supplementary protection certificates, re	ation, all in all other co I rights in s Patent the examinatio m or terms	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 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, 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 nent and sale not been made.
		Page 1 of 2
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Attorney Docket No.: END7798USCNT1/150512CON1

US Application No.: 16/378,006

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	
Junt Mri	1/15/2020
Signature	Date

Page 2 of 2

304054744 v1

Attorney Docket No.: END7798USCNT1/150512CON1

		US Application No.: 16/378,006
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	SURGICAL INSTRUME	NTS WITH SEPARABLE MOTORS AND MOTOR CONTROL CIRCUITS
This declaration and assi		
		The attached or filed herewith application of (list of named inventors),
	or	
	×	The United States application or PCT international application number 16/378,006 filed on April 8, 2019.
Declaration		
As the below no	uned inventor, I hereby decl	are that:
The above-iden	tified application ("Applicat	ion") was made or authorized by me.
I believe that I a	ım the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
erconnected within 12 1886	d and understood the contenterial to patentability as definited States of America.	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 acknow imprisonment of not mor	wledge that any willful false to than five (5) years, 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 LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	ni.1 s	nited Liability Company of Delaware.
	Chere	inafter designated as the "Assignee"),
I hereby acknow which is hereby conformation	vledge that I have assigned	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 vassigned and transferred in	valuable consideration, the to Assignee:	sufficiency of which is acknowledged. I hereby assign and transfer and/or have
States, European Patent such inventions or disco- continuations thereof, an supplementary protection and enjoyment to the full	Office and of all other courselveries and all rights in so d to all Letters Patent that certificates, reexaminations	the Application, including all priority rights for other countries arising therefrom and continuous or discoveries therein disclosed, and any and all Letters Patent of the United atries, 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, is, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own user which such Letters Patent may be granted, as fully and entirely as the same would not and sale not been made.
104054746 v1		Page 1 of 2

Attorney Docket No.: END7798USCNT1/150512CON1

US Application No.: 16/378,006

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.

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.

David C, Yates
LEGAL NAME OF INVENTOR

OF JAN 2020

Date

Page 2 of 2

304054746 v1

Attorney Docket No.: END7798USCNT1/150512CON1

		US Application No.: <u>16/378,006</u>
C	OMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL	INSTRUMI	ENTS WITH SEPARABLE MOTORS AND MOTOR CONTROL CIRCUITS
This declaration and assignment is dir	ected to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number 16/378,006 filed on April 8, 2019.
Declaration		
As the below named inventor	r, Thereby dec	clare that:
The above-identified applica	tion ("Applica	ation") was made or authorized by me.
I believe that I am the origina	al inventor or	an original inventor of a claimed invention or discovery in the Application.
	ntability 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 <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 con assigned and transferred to Assignee:	sideration, th	te sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Appl States, European Patent Office and of such inventions or discoveries and continuations thereof, and to all Lett supplementary protection certificates,	lication, all in of all other ed all rights in ters Patent the reexamination erm 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 pantries, 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.
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Attorney Docket No.: END7798USCNT1/150512CON1

US Application No.: 16/378,006

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.

Frederick E. Shelton, IV
LEGAL NAME OF INVENEOR

Signature

Date

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304054751 v1