506536466 03/04/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6583243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERICK E. SHELTON IV	07/11/2017
DAVID C. YATES	07/14/2017
JASON L. HARRIS	06/29/2017
BRETT E. SWENSGARD	07/28/2017

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:	17097346

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: 4123553746

Email: piuspatents@klgates.com **Correspondent Name:** MICHELLE L. WEAVER Address Line 1: 210 SIXTH AVENUE **K&L GATES CENTER** Address Line 2:

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER: END8199USCNT1/170062MCON1	
NAME OF SUBMITTER:	MICHELLE L. WEAVER
SIGNATURE:	/Michelle L. Weaver/
DATE SIGNED:	03/04/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 055491 FRAME: 0208

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Total Attachments: 8

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Attorney Docket No.: <u>END8199USNP/170062M</u>
US Application No.: <u>15/628,175</u>

So Tapparatus Come Contraction		
COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: TECHNIQUES FOR ADAPTIVE CONTROL OF MOTOR VELOCITY OF A SURGICAL		
STAPLING AND CUTTING INSTRUMENT		
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 15/628,175 filed on June 20, 2017.		
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 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 information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.		
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		
Ethicon LLC #475 Street C, Suite 401		
Los Frailes Industrial Park Guaynabo, Puerto Rico 00969		
a Limited Liability Company of <u>Delaware</u> .		
(hereinafter designated as the "Assignee"),		
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assigned which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:		
or		
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:		
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, 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.		
Page 1 of 2		

US Application No.: 15/628,175

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, Buropean 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

Date

Page 2 of 2

Attorney Docket No.: <u>END8199USNP/170062M</u> US Application No.: 15/628,175

		Ob Application 140 13/028,170
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: TECHNIQUES FOR ADAPTIVE CONTROL OF MOTOR VELOCITY OF A SURGICAL STAPLING AND CUTTING INSTRUMENT		
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 15/628,175 filed on June 20, 2017.
Declaration		
As the below named in	entor, I hereby deck	are that:
The above-identified ap	plication ("Applicat	ion") was made or authorized by me.
I believe that I am the o	riginal inventor or ar	n original inventor of a claimed invention or discovery in the Application.
I have reviewed and ur information which is material to this Application in the United St	patentability as def	its 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
		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		w.i.ea.a.a
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lin	nited Liability Company of <u>Delaware</u> .
	(here	inafter 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 assigned and transferred to Assig		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the States, European Patent Office and inventions or discoveries continuations thereof, and to all supplementary protection certific	Application, all inve and of all other cour and all rights in so Letters Patent that ates, reexaminations the term or terms fo	the Application, including all priority rights for other countries arising therefrom and centions or discoveries therein disclosed, and any and all Letters Patent of the United attries, 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 use or which such Letters Patent may be granted, as fully and entirely as the same would not and sale not been made.
		Page 1 of 2

US Application No.: 15/628,175

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.

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

Signature

Date

Attorney Docket No.: END8199USNP/170062M

		US Application No.: <u>15/628,175</u>
	COMBINED	DECLARATION AND ASSIGNMENT
	TECHNIQUES FOR ADA STAPLING AND CUTTE	APTIVE CONTROL OF MOTOR VELOCITY OF A SURGICAL NG INSTRUMENT
This declaration and assign	gnment is directed to:	
		The attached or filed herewith application of (list of named inventors),
÷	or	
		The United States application or PCT international application number 15/628,175 filed on June 20, 2017.
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As the below nar	med inventor, I hereby decl	are that:
The above-ident	ified application ("Applicat	ion") was made or authorized by me.
I believe that I a	m the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
I have reviewed information which is mat this Application in the Un	erial to patentability as def	its 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
		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	i	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lin	nited Liability Company of <u>Delaware</u> .
	(here	sinafter 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 vassigned and transferred to		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority States, European Patent (such inventions or disco continuations thereof, and supplementary protection and enjoyment to the full	to the Application, all inventions of the countries and of all other countries and all rights in significant that certificates, reexaminations	the Application, including all priority rights for other countries arising therefrom and contions or discoveries therein disclosed, and any and all Letters Patent of the United ntries, which may be granted for such inventions or discoveries, or any of them, all uch 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

US Application No.: 15/628,175

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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 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	
Aun + Mws Signature	U4/2017 Date

Attorney Docket No.: <u>END8199USNP/170062M</u> US Application No.: <u>15/628.175</u>

	COMBINED DECLARATION AND ASSIGNMENT		
	Title of Invention: TECHNIQUES FOR ADAPTIVE CONTROL OF MOTOR VELOCITY OF A SURGICAL STAPLING AND CUTTING INSTRUMENT		
	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 15/628,175 filed on June 20, 2017.		
	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 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 information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for fillings of this Application in the United States of America.			
	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 live (5) years, or both for filings of this Application in the United States of America.		
مامانيان والمامانية	Assignment		
	Ethicon LLC #475 Street C, Suite 401		
	Los Frailes Industrial Park Guaynabo, Puerto Rico 00969		
	a Limited Liability Company of Delaware.		
	(hereinafter designated as the "Assignee"),		
	I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:		
	\mathbf{or}		
	For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:		
	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, 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 Assignce 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		

US Application No.: 15/628,175

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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.

Brett E. Swensgard	
LEGAL NAME OF INVENTOR	
Signature	<u> </u>

Page 2 of 2