505705686 10/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5752496

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM J. WHITE	08/19/2019
CALEB P. MCGOWEN	08/19/2019
CAROL J. WYNN	08/19/2019
JASON D. JONES	08/26/2019
BRIAN D. SCHINGS	08/19/2019

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:	29701285

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: 5136516800

Email: jdewar@fbtlaw.com **Correspondent Name:** ANDREW B. ULMER

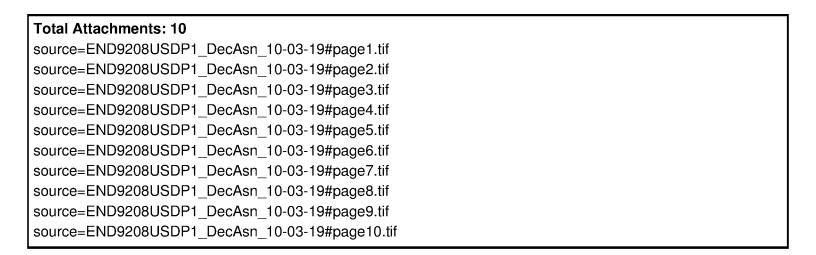
Address Line 1: 301 EAST FOURTH STREET
Address Line 2: 3300 GREAT AMERICAN TOWER

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	END9208USDP1.0722920
NAME OF SUBMITTER:	ANDREW B. ULMER
SIGNATURE:	/Andrew B. Ulmer/
DATE SIGNED:	10/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

REEL: 050616 FRAME: 0001



COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: STAPLE CART	RIDGE ASS	EMBLY FOR LINEAR SURGICAL STAPLER
This declaration and assignment is dire	cted to:	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 29/701,285 filed on August 9, 2019.
Declaration		
As the below named inventor,	I hereby dec	clare that:
The above-identified applicati	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.
	tability 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		
	a L	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park 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 cons assigned and transferred to Assignee:	ideration, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Appli States, European Patent Office and of such inventions or discoveries and a continuations thereof, and to all Lette supplementary protection certificates, i	cation, all in f all other co all rights in ers Patent the reexaminatio rm 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, and, 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

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.

William J. White

LEGAL NAME OF INVENTOR

Signature

Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE AS	SEMBLY FOR LINEAR SUBSECAL STARE OF
This declaration and assignment is directed to:	GENDET FOR EINEAR BUNGILAL STAFLER
	The attached or filed herewith application of (list of named inventors)
or .	The discussion of the other approximation of the of hearth interest.
	TOTAL N. C. Carrier and D. Carrier and D. Carrier and C. Carrier a
	The United States application or PCT international application number 29/701,285 filed on August 9, 2019.
Declaration	
As the below named inventor, I hereby de	celare that:
The above-identified application ("Application ("Applicati	ration") was made or authorized by me.
I believe that I am the original inventor or	r an original inventor of a claimed invention or discovery in the Application.
	tents of the Application, including the claims, and I acknowledge the duty to disclose lefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	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	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 .imited Liability Company of <u>Delaware</u> .
(he	creinafter designated as the "Assignee"),
	ed the above-identified invention by previous assignment (attached hereto) to Assignee JS Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	he sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all it States, European Patent Office and of all other e such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent Il supplementary protection certificates, reexamination	r the Application, including all priority rights for other countries arising therefrom and nventions or discoveries therein disclosed, and any and all Letters Patent of the United ountries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and nat 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.
	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.

LEGAL NAME OF INVENTOR		
Caller P. M. Dr	8-19-2019	
Signature	Date	•

Take IV BANKY

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASS	SEMBLY FOR LINEAR SURGICAL STAPLER
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 29/701,285 filed on <u>August 9, 2019</u> .
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 the for filings of this Application in the United States of America.
Assignment a L	Ethicon LLC #475 Street C, Suite 401 Los Fraîles Industrial Park 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 contries, 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, and, 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

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.

Carol J. Wynn

LEGAL NAME OF INVENTOR

Signature

Date

08/19/19

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASS	FMBI V FOR I INF AR CHRONOLIS OF ARI FROM
This declaration and assignment is directed to:	EMBET FOX EPIZAR SORGICAE STAFFER
	The attached or filed herewith application of (list of named inventors)
	the anached on the discount appropriation of this of hamed inventors)
or	
	The United States application or PCT international application number 29/701,285 filed on August 9, 2019.
Declaration	
As the below named inventor, I hereby de-	stare that:
The above-identified application ("Application)	ttion") 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 th for filings of this Application in the United States of America.
Assignment a Li	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 mited Liability Company of <u>Delaware</u> .
(he	reinafter designated as the "Assignee"),
☐ I hereby acknowledge that I have assigned which is hereby conformed for recordation in the U	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:
68.	
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 the 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

PATENT

REEL: 050616 FRAME: 0009

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Jason D. Jones

LEGAL NAME OF TRYENTOR

Signature

Date

8/26/20019

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT

C 10 17 alog 21 Carab	
Title of Invention: STAPLE CARTRIDGE ASSI	MBLY FOR LINEAR SURGICAL STAPLER
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	The attached or filed herewith application of (list of named inventors),
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	The United States application or PCT international application number 29/701,285 filed on August 9, 2019.
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As the below named inventor, I hereby decl	are that:
The above-identified application ("Applicat	ion*") was made or authorized by me.
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
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Assignment a Lir	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, PR 00969 nited Liability Company of <u>Delaware</u> .
	einafter designated as the "Assignee"),
I hereby acknowledge 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 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 inv States, European Patent Office and of all other cou such inventions or discoveries and all rights in s continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	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.
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Brian D. Schings

LEGAL NAME OF INVENTOR

Signature

Date

08/19/19

Page 2 of 2