505286152 01/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5332926

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERICK E. SHELTON IV	11/14/2018
JEROME R. MORGAN	11/08/2018
MICHAEL J. STOKES	11/13/2018
GREGORY G. SCOTT	11/13/2018

RECEIVING PARTY DATA

Name:	ETHICON LLC		
Street Address:	ddress: #475 STREET C, SUITE 401		
Internal Address:	LOS FRAILES INDUSTRIAL PARK		
City:	GUAYNABO		
State/Country:	untry: PUERTO RICO		
Postal Code:	00969		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16172094

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) 355-8276

Email: piuspatents@klgates.com

Correspondent Name: CARA M. PINTO
Address Line 1: 210 SIXTH AVENUE
K&L GATES CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END9025USNP4/180487-4
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/
DATE SIGNED:	01/18/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8 source=signed_combined_declarations-assignments#page1.tif source=signed_combined_declarations-assignments#page2.tif source=signed_combined_declarations-assignments#page3.tif source=signed_combined_declarations-assignments#page4.tif source=signed_combined_declarations-assignments#page5.tif source=signed_combined_declarations-assignments#page6.tif source=signed_combined_declarations-assignments#page7.tif

source=signed_combined_declarations-assignments#page8.tif

Attorney Docket No.: <u>END9025USNP4/180487-4</u> US Application No.: <u>16/172.094</u>

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: CLIP APPLIER COMPR	ISING A CLIP CRIMPING SYSTEM	
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 16/172,094 filed on October 26, 2018.	
Declaration		
As the below named inventor, I hereby dec	lare that:	
The above-identified application ("Applica	tion") was made or authorized by me.	
I believe that I am the original inventor or a	an original inventor of a claimed invention or discovery in the Application.	
	ints 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	
	te statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the things 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	
aLi	mited Liability Company of <u>Delaware</u> .	
(he)	reinafter 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:		
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 council 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, 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	

US Application No.: 16/172,094

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

Date 11/14/18

US Application No.: 16/172,094

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: <u>CLIP APPLIER CO</u>	MPRE	SING A CLIP CRIMPING SYSTEM
This declaration and assignment is directed to:	;	
الله الله الله الله الله الله الله الله]	The attached or filed herewith application of (list of named inventors),
. 0	or	
		The United States application or PCT international application number 16/172.094 filed on October 26, 2018.
Declaration		
As the below named inventor, I hereb	y decla	re that:
The above-identified application ("Ap	pplicati	on") was made or authorized by me.
I believe that I am the original invento	or or ar	original inventor of a claimed invention or discovery in the Application.
	as defi	ts of the Application, including the claims, and I acknowledge the duty to disclose ned 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		
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lim	ited Liability Company of <u>Delaware</u> .
	(here	inafter designated as the "Assignee"),
		he 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 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, and States, European Patent Office and of all others such inventions or discoveries and all right continuations thereof, and to all Letters Pater supplementary protection certificates, reexaminations.	all invener cour ts in so ant that inations erms fo	the Application, including all priority rights for other countries arising therefrom and antions 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, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use r which such Letters Patent may be granted, as fully and entirely as the same would nt and sale not been made.
		Page 1 of 2

US Application No.: 16/172,094

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.

Jerome R. Morgan LEGAL NAME OF INVENTOR		
	11/8/18	
Signaturé	Date	

Attorney Docket No.: END9025USNP4/180487-4 US Application No.: 16/172.094

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: CLIP APPLIER COMPRISING A CLIP CRIMPING SYSTEM		
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 a number 16/172,094 filed on October 26, 2018.	application	
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 discover	y in the Application.	
I have reviewed and understood the contents of the Application, including the claims, and I a information which is material to patentability as defined in Title 37, the United States Code of Federal this Application in the United States of America.		
I hereby acknowledge that any willful false statement made in this declaration is punishable un imprisonment of not more than five (5) years, or both for filings of this Application in the United States of	der 18 U.S.C. § 1001 by fine or of America.	
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:		
or		
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assigned and transferred to Assignee:	assign and transfer and/or have	
my entire right, title, and interest in, to, and under the Application, including all priority rights for other the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and States, European Patent Office and of all other countries, which may be granted for such inventions or such inventions or discoveries and all rights in such Application including any and all provisions continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully have been held and enjoyed by me had this assignment and sale not been made.	d all Letters Patent of the United rediscoveries, or any of them, all als, substitutions, divisions, and es, and in and to all extensions, byed by Assignee for its own use	
Page 1 of 2		

PATENT

REEL: 048058 FRAME: 0959

US Application No.: 16/172,094

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.

Michael J. Stokes LEGAL NAME OF INV	ENTOR		
Andrews Allendar	-// /s	11/13/20	
Signature		Date	

US Application No.: 16/172,094

COMBINED DECLARATION AND ASSIGNMENT

Title of In	vention: <u>CLIP APPLIER COM</u>	PRI	SING A CLIP CRIMPING SYSTEM
This declarat	ion 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 16/172,094 filed on October 26, 2018.
Declaratio	n		
Ast	he below named inventor, I hereby	decla	re that:
The	above-identified application ("App	licati	on") was made or authorized by me.
I be	lieve that I am the original inventor	or an	original inventor of a claimed invention or discovery in the Application.
information '		defi	ts of the Application, including the claims, and I acknowledge the duty to disclose ned in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
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Assignme	at ·		
			Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	ង	Lim	ited Liability Company of <u>Delaware</u> .
	Ę	(here	inafter designated as the "Assignee"),
			he above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or			
	good and valuable consideration, transferred to Assignee:	the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to c States, Euro such inventi- continuations supplementar and enjoyme	laim priority to the Application, all pean Patent Office and of all other ons or discoveries and all rights thereof, and to all Letters Patent ry protection certificates, reexamina	inve cout in si that tions ns fo	the Application, including all priority rights for other countries arising therefrom and antions 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, 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.
			Page 1 of 2

PATENT

REEL: 048058 FRAME: 0961

US Application No.: 16/172,094

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 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.

Gregory G. Scott	
LEGAL NAME OF INVENTOR	
	11-13-18
Signature	Date