07/12/2017 504452854

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4499555

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER J. HESS	12/15/2015
JEROME R. MORGAN	12/17/2015
WILLIAM B. WEISENBURGH II	01/29/2016
JAMES W. VOEGELE	12/21/2015
MARK S. ORTIZ	07/11/2017
MICHAEL J. STOKES	01/20/2016
CARL J. SHURTLEFF	02/24/2016
FREDERICK E. SHELTON IV	12/16/2015
JEFFREY S. SWAYZE	01/20/2016
JAMES J. BEDI	12/17/2015
ADAM R. DUNKI-JACOBS	03/01/2016

RECEIVING PARTY DATA

Name:	ETHICON ENDO-SURGERY, LLC
Street Address:	#475 STREET C
Internal Address:	LOS FRAILES INDUSTRIAL PARK
City:	GUAYNABO
State/Country:	PUERTO RICO
Postal Code:	00969

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14963546

CORRESPONDENCE DATA

(412)355-6501 Fax Number:

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 Address Line 2: **K&L GATES CENTER**

REEL: 043164 FRAME: 0560 504452854

PATENT -

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613		
ATTORNEY DOCKET NUMBER:	END5968USCNT3/060497CON3	
NAME OF SUBMITTER:	CARA M. PINTO	
SIGNATURE:	/Cara M. Pinto/	
DATE SIGNED:	07/12/2017	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 22

source=END5968USCNT3-ComboDecAsn-All#page1.tif source=END5968USCNT3-ComboDecAsn-All#page2.tif source=END5968USCNT3-ComboDecAsn-All#page3.tif source=END5968USCNT3-ComboDecAsn-All#page4.tif source=END5968USCNT3-ComboDecAsn-All#page5.tif source=END5968USCNT3-ComboDecAsn-All#page6.tif source=END5968USCNT3-ComboDecAsn-All#page7.tif source=END5968USCNT3-ComboDecAsn-All#page8.tif source=END5968USCNT3-ComboDecAsn-All#page9.tif source=END5968USCNT3-ComboDecAsn-All#page10.tif source=END5968USCNT3-ComboDecAsn-All#page11.tif source=END5968USCNT3-ComboDecAsn-All#page12.tif source=END5968USCNT3-ComboDecAsn-All#page13.tif source=END5968USCNT3-ComboDecAsn-All#page14.tif source=END5968USCNT3-ComboDecAsn-All#page15.tif source=END5968USCNT3-ComboDecAsn-All#page16.tif source=END5968USCNT3-ComboDecAsn-All#page17.tif source=END5968USCNT3-ComboDecAsn-All#page18.tif source=END5968USCNT3-ComboDecAsn-All#page19.tif source=END5968USCNT3-ComboDecAsn-All#page20.tif source=END5968USCNT3-ComboDecAsn-All#page21.tif source=END5968USCNT3-ComboDecAsn-All#page22.tif

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD FOR FORMI	NG A STAPLE
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 <u>14/963,546</u> filed on <u>December 9, 2015</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 oth for filings of this Application in the United States of America.
Assignment	Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
, a L	imited Liability Company of Delaware.
(he	ereinafter 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, that is 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 buntries, 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.
	Page 1 of 2

Attorney Docket No.: END5968USCNT3/060497CON3

US Application No.: <u>14/963,546</u>

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.

Christopher J. Hess

LEGAL NAME OF INVENTOR

Signatura

Date

COMBINED DECLARATION AND ASSIGNMENT			
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or			
The United States application o number 14/963,546 filed on De			
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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 i	nvention or discovery in the Application.		
I have reviewed and understood the contents of the Application, including information which is material to patentability as defined in Title 37, the United States of America.			
I hereby acknowledge that any willful false statement made in this declarate imprisonment of not more than five (5) years, or both for filings of this Application is			
Assignment Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969	•		
a Limited Liability Company of <u>Dela</u>	ware.		
(hereinafter designated as the "Assign	nee"),		
I hereby acknowledge that I have assigned the above-identified invention be which is hereby conformed for recordation in the US Patent Office and I confirm I have			
or			
For good and valuable consideration, the sufficiency of which is acknown assigned and transferred to Assignee:	wledged, I hereby assign and transfer and/or have		
ny entire right, title, and interest in, to, and under the Application, including all price he right to claim priority to the Application, all inventions or discoveries therein distates, European Patent Office and of all other countries, which may be granted for such inventions or discoveries and all rights in such Application including any continuations thereof, and to all Letters Patent that may be granted for said inventually protection certificates, reexaminations, renewals, and reissues thereof and enjoyment to the full end of the term or terms for which such Letters Patent may have been held and enjoyed by me had this assignment and sale not been made.	sclosed, and any and all Letters Patent of the United or such inventions or discoveries, or any of them, all and all provisionals, substitutions, divisions, and tions and discoveries, and in and to all extensions, to be held and enjoyed by Assignee for its own use		
Page 1 of 2			

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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.

Jerome R. Morgan	
LEGAL NAME OF INVENTOR	
	12/17/15
Signature	Date

COMBINED DECLARATION AND ASSIGNMENT			
Title of Invention: METHOD FOR FORMING A STAPLE			
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 14/963,546 filed on December 9, 2015.			
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 imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.			
Ethicon Endo-Surgery, LLC #475 Street C 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 Assign 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 has 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			

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.

William B. Weisenburgh, II

LEGAL NAME OF INVENTOR

/-29-2016

Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD FOR FORMING	G A STAPLE
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 14/963,546 filed on December 9, 2015.
Declaration	
As the below named inventor, I hereby declar	ure that:
The above-identified application ("Application	on") 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 conten information which is material to patentability as def this Application in the United States of America.	ts 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 acknowledge that any willful false imprisonment of not more 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 Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
a Lin	nited Liability Company of <u>Delaware</u> .
(here	inafter designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the US	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 investates, European Patent Office and of all other cousuch inventions or discoveries and all rights in scontinuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	ne 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 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, 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

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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.

James W. Voegele

LEGAL NAME OF INVENTOR

12/21/15

Signature

Date

COMBIN	ED	DECLARATION AND ASSIGNMENT
Title of Invention: METHOD FOR FOR	RMIN	G A STAPLE
This declaration and assignment is directed to:		
]	The attached or filed herewith application of (list of named inventors),
O)	ř:	
]	The United States application or PCT international application number 14/963,546 filed on December 9, 2015.
Declaration		
As the below named inventor, I hereby	y decla	are that:
The above-identified application ("App	plicat	ion") was made or authorized by me.
I believe that I am the original inventor	r or a	n original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the conformation which is material to patentability a his Application in the United States of America	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
I hereby acknowledge that any willful mprisonment of not more than five (5) years, o	l false 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 Endo-Surgery, LLC #475 Street C
		Los Frailes Industrial Park
		Guaynabo, Puerto Rico 00969
		nited Liability Company of <u>Delaware</u> .
	(here	inafter designated as the "Assignee"),
I hereby acknowledge that I have assign which is hereby conformed for recordation in the	gned ne US	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 issigned and transferred to Assignee:	, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all states, European Patent Office and of all othe uch inventions or discoveries and all rights continuations thereof, and to all Letters Patent upplementary protection certificates, reexamin	Il inverteour cours in statement of the	ne 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 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.
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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.

Mark S. Ortiz			,
LEGAL NAME OF INVENTOR			
Mak Sort	· ·	7/11/17	
Signature		Date	

COMBINED DECLARATION AND ASSIGNMENT	
Citle of Invention: METHOD FOR FORMING A STAPLE	
his declaration and assignment is directed to:	
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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 the Application in the United States of America.	
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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 assign and transfer and/or have assigned and transferred to Assignee:	
ny 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.	
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Michael J. Stokes

LEGAL NAME OF INVENTOR

Signature

Date

Page 2 of 2

1/20/2016

COMBINED DECLARATION AND ASSIGNMENT

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As the below named inventor, I hereby dec	plare that:
The above-identified application ("Application"	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 effined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fals imprisonment of not more than five (5) years, or bo	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	
	Ethicon Endo-Surgery, LLC #475 Street C
	Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
a L	imited Liability Company of Delaware.
(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 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 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 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

Attorney Docket No.: END5968USCNT3/060497CON3
US Application No.: 14/963,546

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

Signature

Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD FOR FOL	RMING A STAPLE
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
C	r ·
. D	The United States application or PCT international application number <u>14/963,546</u> filed on <u>December 9, 2015</u> .
Declaration	
As the below named inventor, I hereb	y declare that:
The above-identified application ("Ap	oplication") was made or authorized by me.
I believe that I am the original invent	or or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the information which is material to patentability this Application in the United States of Ameri	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 ca.
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	a Limited Liability Company of <u>Delaware</u> .
	(hereinafter designated as the "Assignee"),
I hereby acknowledge that I have ass which is hereby conformed for recordation in	signed the above-identified invention by previous assignment (attached hereto) to Assignee the 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, States, European Patent Office and of all oth such inventions or discoveries and all righ continuations thereof, and to all Letters Pate supplementary protection certificates, reexam	ander the Application, including all priority rights for other countries arising therefrom and all inventions or discoveries therein disclosed, and any and all Letters Patent of the United er countries, which may be granted for such inventions or discoveries, or any of them, all its in such Application including any and all provisionals, substitutions, divisions, and not 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 used erms 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

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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.

Frederick E. Shelton, IV	
LEGAL NAME OF INVENTOR	
mal floor	12/16/15
Signature	Date

COMBI	(NED	DECLARATION AND ASSIGNMENT
Title of Invention: METHOD FOR FO	ORMIN	G A STAPLE
This declaration and assignment is directed to	o:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number <u>14/963,546</u> filed on <u>December 9, 2015</u> .
Declaration		
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The above-identified application ("A	Applicat	ion") was made or authorized by me.
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		nited Liability Company of <u>Delaware</u> .
	,	einafter designated as the "Assignee"),
I hereby acknowledge that I have as which is hereby conformed for recordation in	ssigned the US	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 considerati assigned and transferred to Assignee:	on, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, States, European Patent Office and of all of such inventions or discoveries and all rigit continuations thereof, and to all Letters Pat supplementary protection certificates, reexam	, all inverther countries in standard that that in artification terms for all in artifications.	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 it 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 ent and sale not been made.
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Jeffrey S. Swayze		
LEGAL NAME OF INVENTOR		
Ally 5 hing	1-20-2016	
Signature	Date	

Attorney Docket No.: END5968USCNT3/060497CON3

US Application No.: 14/963,546

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD	FOR FORMI	NG A STAPLE
This declaration and assignment is o	directed to:	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 14/963,546 filed on December 9, 2015.
Declaration		
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		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:
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For good and valuable cassigned and transferred to Assigned		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the A States, European Patent Office an such inventions or discoveries ar continuations thereof, and to all I supplementary protection certificat	pplication, all ind of all other condall rights in letters Patent thes, reexamination 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 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 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.

Page 1 of 2

Attorney Docket No.: END5968USCNT3/060497CON3

US Application No.: 14/963,546

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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.

James J. Bedi

LEGAL NAME OF INVENTOR

Cianatura

12-17-2015

Date

COMBINED DECLARATION AND ASSIGNMENT

COMBINE	DECLIMATION AND ASSIGNMENT
l'itle of Invention; METHOD FOR FORMI	NG A STAPLE
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
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	The United States application or PCT international application number 14/963,546 filed on December 9, 2015.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application ("Application of the above-identified application of th	ation") was made or authorized by me.
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	Page 1 of 2

PATENT

REEL: 043164 FRAME: 0582

Attorney Docket No.: END5968USCNT3/060497CON3
US Application No.: 14/963,546

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Adam R. Dunki-Jacobs

LEGAL NAME OF INVENTOR

Signature

Ø1 MAR 2016

Date