#### 503680945 02/04/2016

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3727581

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL CARDINALE	01/27/2016
DOUG SOULS	01/27/2016
ANTHONY MIKSZA	02/01/2016
AARON J. BRICKNER	01/28/2016
JARED SCHNEIDER	01/27/2016
TODD SACK	01/27/2016
DAVID R. SCHIFF	02/04/2016
ERIN ELIZABETH WENIG	01/29/2016

#### **RECEIVING PARTY DATA**

Name:	ETHICON, INC.
Street Address:	U.S. ROUTE 22
Internal Address:	P.O. BOX 151
City:	SOMERVILLE
State/Country:	NEW JERSEY
Postal Code:	08876

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14979909

#### **CORRESPONDENCE DATA**

**Fax Number:** (908)325-1155

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.

using a lax humber, ii provided, ii that is unsuccessiul, it will be sent via os

**Phone:** 908-689-8700

Email:mdoherty@dohertyiplaw.comCorrespondent Name:DOHERTY IP LAW GROUP LLC

Address Line 1: 37 BELVIDERE AVENUE

Address Line 4: WASHINGTON, NEW JERSEY 07882

ATTORNEY DOCKET NUMBER: ETH5846USNP

NAME OF SUBMITTER: MICHAEL J. DOHERTY

PATENT 503680945 REEL: 037669 FRAME: 0030

SIGNATURE:	/michael j. doherty/
DATE SIGNED:	02/04/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 16	
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source=FiledAssignment#page4.tif	
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source=FiledAssignment#page16.tif	

PATENT REEL: 037669 FRAME: 0031

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	COMBIN	ED DE	ECLARATION AND ASSIGNMENT
	on: APPLICATOR INSTI	RUMEN	TS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
		] Th	ne attached or filed herewith application of (list of named inventors),
	. 0	r	
•	$\Xi$		ne United States application or PCT international application umber 14/979,909, filed on December 28, 2015.
Declaration			•
As the be	low named inventor, I hereby	y declare	that:
The above	e-identified application ("Ap	plication'	") was made or authorized by me.
I believe	that I am the original invento	r or an or	riginal inventor of a claimed invention or discovery in the Application.
information which	viewed and understood the or is material to patentability and the United States of American	as defined	of the Application, including the claims, and I acknowledge the duty to disclose d in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby a imprisonment of n	acknowledge that any willful of more than five (5) years, of	l false sta r both for	atement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or r filings of this Application in the United States of America.
Assignment			
	having an address	at P.O.	corporation of the state of New Jersey, Box 151, U.S. Route 22, Somerville, NJ 08876 or designated as the "Assignee"),
			above-identified invention by previous assignment (attached hereto) to Assignee tent Office and I confirm I have and do assign and transfer:
or			
X For good assigned and transf		, the suf	ficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim p States, European such inventions o continuations there supplementary pro and enjoyment to t	priority to the Application, a Patent Office and of all other of discoveries and all rights peof, and to all Letters Paten tection certificates, reexamin	Il invention countries in such at that manations, re	Application, including all priority rights for other countries arising therefrom and ons or discoveries therein disclosed, and any and all Letters Patent of the United es, which may be granted for such inventions or discoveries, or any of them, all a Application including any and all provisionals, substitutions, divisions, and ay be granted for said inventions and discoveries, and in and to all extensions, enewals, and reissues thereof, to be held and enjoyed by Assignee for its own use which such Letters Patent may be granted, as fully and entirely as the same would and sale not been made.
			1

PATENT REEL: 037669 FRAME: 0032

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

Michael Cardinale
Inventor

Signature

January 27, 2016

Date

Attorney Docket No.: ETH5846USNF	Attorney	Docket No.:	ETH5846	USNP
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COMBI	NED I	DECLARATION AND ASSIGNMENT
Title of Invention: APPLICATOR INST This declaration and assignment is directed to:		ENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
		The attached or filed herewith application of (list of named inventors),
	or	
Σ		The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
Declaration		
As the below named inventor, I hereb	y decla	are that:
The above-identified application ("A	pplicati	on") was made or authorized by me.
I believe that I am the original invent	or or ar	n 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 American	as defi	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 imprisonment of not more than five (5) years,	ıl 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		
having an address	s at P.	a corporation of the state of New Jersey, O. Box 151, U.S. Route 22, Somerville, NJ 08876 Ifter designated as the "Assignee"),
I hereby acknowledge that I have assume which is hereby conformed for recordation in	signed 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		
X 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	all inventer counts in sent that institutions for the country of t	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 entries, 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.
		· 1

PATENT REEL: 037669 FRAME: 0034

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.

LEGAL NAME OF INVENTOR	/ /
Doug Souls	1/27/16
Inventor	Date
Touglas E. Souls Signature	

### COMBINED DECLARATION AND ASSIGNMENT

<b>Title of Invention</b> : APPLICATOR INSTRUTHIS declaration and assignment is directed to:	IMENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
	The attached or filed herewith application of (list of named inventors),
or	
X	The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
Declaration	
As the below named inventor, I hereby de	eclare that:
The above-identified application ("Application ("Applicati	cation") was made or authorized by me.
	r an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the con-	tents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fai imprisonment of not more than five (5) years, or bo	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	
having an address at l	e., a corporation of the state of New Jersey, P.O. Box 151, U.S. Route 22, Somerville, NJ 08876 nafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:
or	
X For good and valuable consideration, the assigned and transferred to Assignee:	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
States, European Patent Office and of all other couch inventions or discoveries and all rights in ontinuations thereof, and to all Letters Patent the upplementary 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 countries, 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, ones, 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.

1

**PATENT** 

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

Anthony Miksza

Inventor

Sígnature

2/01/16

2

	Attornex	Docket No.:	: ETH5846USNI
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COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: APPLICATOR INSTRUM. This declaration and assignment is directed to:	IENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
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.
	nts 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
	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.
Assignment	
having an address at P	, a corporation of the state of New Jersey, .O. Box 151, U.S. Route 22, Somerville, NJ 08876 after designated as the "Assignee"),
	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:	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 consuch inventions or discoveries and all rights in continuations thereof, and to all Letters Patent that 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 it 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.

1

PATENT

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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 desimble in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR		
Aaron J. Brickner	1/28/16	
Inventor	Date /	
And The		
Signature		

Attorney Docket No.: ETI	H5846USNP
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COMBINED	DECLARATION AND ASSIGNMENT
<b>Title of Invention</b> : APPLICATOR INSTRUM This declaration and assignment is directed to:	ENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
	The attached or filed herewith application of (list of named inventors),
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X	The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
Declaration	
As the below named inventor, I hereby decl	are that:
The above-identified application ("Application ("Applicati	tion") 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.
I have reviewed and understood the content information which is material to patentability as dethis Application in the United States of America.	nts 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
	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.
Assignment	
having an address at P	a corporation of the state of New Jersey, O. Box 151, U.S. Route 22, Somerville, NJ 08876 after 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	
X 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 cousuch inventions or discoveries and all rights in continuations thereof, and to all Letters Patent tha supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and rentions or discoveries therein disclosed, and any and all Letters Patent of the United antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t 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 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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PATENT

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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.

### Jared Schneider Inventor Date

Signature Olil

LEGAL NAME OF INVENTOR

2

Attorney				

	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: APPLI This declaration and assignme		IENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
		The attached or filed herewith application of (list of named inventors),
	or	
	$\mathbf{x}$	The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
Declaration		
As the below named i	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.
	to patentability as de	nts 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
		e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.
Assignment		
havi	ng an address at P	, a corporation of the state of New Jersey, .O. Box 151, U.S. Route 22, Somerville, NJ 08876 after 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		
K For good and valuab assigned and transferred to Ass		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the States, European Patent Office such inventions or discoverie continuations thereof, and to a supplementary protection certification.	e Application, all inverse and of all other course and all rights in sall Letters Patent that ficates, reexamination of the term or terms for	the Application, including all priority rights for other countries arising therefrom and rentions or discoveries therein disclosed, and any and all Letters Patent of the United antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t 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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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.

Todd Sack	1-27-16		
Inventor	Date		
Todal Sall			
Signature			

	Attorney Docket No.: ETH5846USNP
COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: APPLICATOR INSTRUITATION and assignment is directed to:	MENTS HAVING OFF-AXIS SURGICAL FASTENER DELIVERY
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 14/979,909, filed on December 28, 2015.
Declaration	
As the below named inventor, I hereby de	celare that:
The above-identified application ("Applic	cation") 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 cont information which is material to patentability as d this Application in the United States of America.	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
	ise 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	
having an address at l	e., a corporation of the state of New Jersey, P.O. Box 151, U.S. Route 22, Somerville, NJ 08876 nafter designated as the "Assignee"),
	d the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:
or	
[X] 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 eventions 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, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.

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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.

# David R. Schiff Inventor Signature David R. Schiff Date

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	Attorney	Docket No.:	: ETH5846USN
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	COMBINE	ECLARATION A	ND ASSIGNMENT	
	of Invention: APPLICATOR INSTRU	NTS HAVING OFF-A	AXIS SURGICAL FASTENER DELIVERY	
		he attached or filed her	rewith application of (list of named inventors),	,
	or			
			eation or PCT international application d on December 28, 2015.	
Decla	aration			
	As the below named inventor, I hereby of	e that:		
	The above-identified application ("Appl	n") was made or authori	ized by me.	
	I believe that I am the original inventor of	original inventor of a cla	aimed invention or discovery in the Application.	
			cluding the claims, and I acknowledge the duty to disclosted States Code of Federal Regulations, §1.56 for filings	
impris	I hereby acknowledge that any willful forment of not more than five (5) years, or		declaration is punishable under 18 U.S.C. § 1001 by fine ocation in the United States of America.	or
Assig	gnment			
	having an address a	_	state of New Jersey, ute 22, Somerville, NJ 08876 e "Assignee"),	
□ which	I hereby acknowledge that I have assign is hereby conformed for recordation in the		ntion by previous assignment (attached hereto) to Assignerm I have and do assign and transfer:	эе
or				
⊠ assign	For good and valuable consideration, ed and transferred to Assignee:	afficiency of which is	acknowledged, I hereby assign and transfer and/or have	ve
the rig States, such in continu supple and er	the to claim priority to the Application, all European Patent Office and of all other inventions or discoveries and all rights tuations thereof, and to all Letters Patent mentary protection certificates, reexaminate	tions or discoveries the ries, which may be grantly happlication including the property of the	all priority rights for other countries arising therefrom are rein disclosed, and any and all Letters Patent of the Unite nted for such inventions or discoveries, or any of them, and any and all provisionals, substitutions, divisions, and inventions and discoveries, and in and to all extension thereof, to be held and enjoyed by Assignee for its own usent may be granted, as fully and entirely as the same woule.	ed all ad as, se

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PATENT

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.

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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.

# Erin Elizabeth Wenig Inventor Date Signature

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LEGAL NAME OF INVENTOR