### 505385055 03/20/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5431848

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SIMON COHN	12/02/2016
MICHAEL CARDINALE	11/14/2016
RICHARD P. FUCHS	11/15/2016
MATTHEW ROHR DANIEL	11/25/2016
JEREMY DAVID JARRETT	11/15/2016
ROBERT NERING	12/02/2016
ANTHONY MIKSZA	11/17/2014

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	16267969

#### **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.

**Phone:** 908-689-8700

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

Address Line 1: 37 BELVIDERE AVENUE

Address Line 4: WASHINGTON, NEW JERSEY 07882

ATTORNEY DOCKET NUMBER:	ETH5434USCNT4
NAME OF SUBMITTER:	MICHAEL J. DOHERTY
SIGNATURE:	/michael j. doherty/

PATENT 505385055 REEL: 048651 FRAME: 0449

03/20/2019
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Attorney Docket No	: ETH5434USCNT	73
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COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: APPLICATOR INSTRUEND CAPS WITH CASTLING FOR ENGAGE	MENTS FOR DISPENSING SURGICAL FASTENERS HAVING DISTALING OPPOSING SURFACES
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
X	The United States application number 15/299,648, filed on October 21, 2016.
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, 2.O. Box 151, U.S. Route 22, Somerville, NJ 08876 after designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the Us	I the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
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, reexaminatio	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, ns, 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.
	1

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	
Simon Cohn	Vec 2,2016
Inventor	Date
Signature	

,	Attorney Docket No.: ETH5434USCNT3
COMBINEI	D DECLARATION AND ASSIGNMENT
Title of Invention: APPLICATOR INSTRUEND CAPS WITH CASTLING FOR ENGACE	UMENTS FOR DISPENSING SURGICAL FASTENERS HAVING DISTAL GING OPPOSING SURFACES
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	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	c., a corporation of the state of New Jersey, P.O. Box 151, U.S. Route 22, Somerville, NJ 08876 inafter designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the U	ed the above-identified invention by previous assignment (attached hereto) to Assignee 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 X 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.

1

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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Attorney Docke	t No.:	ETH543	4USCNT3
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I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
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I hereby acknowledge that any willful fal 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 oth for filings of this Application in the United States of America.
Assignment	
having an address at l	., 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 assignewhich is hereby conformed for recordation in the U	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	•
X For good and valuable consideration, that 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 consuch 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 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, 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 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.

Matthew Rohr Daniel	11-25-2016
Inventor	Date
Signature	

COMBINED DECLARATION AND ASSIGNMENT	
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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:
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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 consuch 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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**PATENT** 

**REEL: 048651 FRAME: 0457** 

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Jeremy David Jarrett	Nov 15th 2016
Inventor	Date
Jeren Jan ant	
Signature /	

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The above-identified application ("Application")	ion") was made or authorized by me.	
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.	
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.		
Assignment		
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"),	
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:		
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▼ For good and valuable consideration, the assigned and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have	
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.		

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Richard P. Fuchs	1//15/2016
Inventor	Date
Signature	

Attorney Docket No.: 1	ETH5434USCNT3
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having an address at P.O. Bo	poration of the state of New Jersey, x 151, U.S. Route 22, Somerville, NJ 08876 esignated as the "Assignee"),
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For good and valuable consideration, the sufficients signed and transferred to Assignee:	ency of which is acknowledged, I hereby assign and transfer and/or have
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# Michael Cardinale Inventor Date

Signature

#### ASSIGNMENT

U.S. Patent Application Serial No.: 14/522,680

Filed: October 24, 2014

WHEREAS, Robert Nering, a citizen of the United States of America, residing at 24 Covered Bridge Road, Stockton, New Jersey 08559;

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833;

Anthony Miksza, a citizen of the United States of America, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064,

Matthew Rohr Daniel, a citizen of the United States of America, residing at 2235 Third Street, #W101, San Francisco, California 94107; and

Jeremy David Jarrett, a citizen of the United State of America, residing at 9617 Daly Road, Cincinnati, Ohio 45231, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

#### SURGICAL FASTENERS FOR SECURING PROSTHETIC DEVICES TO TISSUE

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and

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assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this /9 day of Normann, 2014.

By: Robert Nering
Title: Assignor

STATE OF NEW JERSEY ) SS

BE IT REMEMBERED, That on this 19 day of November 1, 2014, before me, a Notary Public, personally appeared Robert Nering, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

ROBER TANIH

ROBERT J. TANNHAUSER
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 10/18/2019

Notary Public

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IN TESTIMONY WHEREOF, Assignor has hereunto of November, 2014.	set his hand and seal this 1+ day
	La company de la
	By: Simon Cohn
	Title: Assignor
STATE OF NEWVERSEY)  COUNTY OF SOMERSET)  ss.	
ss.	•
COUNTY OF SOMERSET)	
BE IT REMEMBERED, That on this 17	1 November 7 14
before me, a Notary Public, personally appeared Simon Cohn	
named in and who executed the foregoing instrument in my	
known to him the contents thereof, he did acknowledge that he	
same as his voluntary act and deed for the uses and purposes th	
ROBERT J. TANNHAUSER	
NOTARY PUBLIC	Kohul J Munhtern
STATE OF NEW JERSEY MY COMMISSION EXPIRES 10/18/2019	Nøtary Publič
Hagilin	
IN TESTIMONY WHEREOF, Assignor has he day of November, 2014	ereunto set his hand and seal this
/ day of November 2014	1.47/1
	1/
	1000 XI 119118
	By: Anthony Miksza
	Title: Assignor
STATE OF NEW JERSEY)	
SS.	
COUNTY OF SMEASET ) ss.	1
BE IT REMEMBERED, That on this 17	1 - C November 7014
before me, a Notary Public, personally appeared Anthony N	
person named in and who executed the foregoing instrument:	
made known to him the contents thereof, he did acknowle	
delivered the same as his voluntary act and deed for the uses an	
ROBERT J. TANNHAUSER	(No ATT
NOTARY PUBLIC	Whist of farm trans
STATE OF NEW JERSEY MY COMMISSION EXPIRES 10/18/2019	Notary Public
MY COMMISSION EXPIRES 10/18/2019	<b>/</b>
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**RECORDED: 03/20/2019**