## 506148117 07/10/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6194849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS W. HUITEMA	03/11/2020
KEVIN R. DOLL	03/03/2020
FREDERICK E. SHELTON IV	03/03/2020
EMILY A. SCHELLIN	03/03/2020
JASON L. HARRIS	03/03/2020
GEOFFREY C. HUEIL	03/03/2020

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	16388952

#### **CORRESPONDENCE DATA**

**Fax Number:** (412)355-6501

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** (412) 355-8276

**Email:** piuspatents@klgates.com

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

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END7465USCNT1/140141CON1
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/
DATE SIGNED:	07/10/2020

This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 12**

source=huitema\_signed#page1.tif
source=signed\_combined\_declarations\_assignments#page1.tif
source=signed\_combined\_declarations\_assignments#page2.tif
source=signed\_combined\_declarations\_assignments#page3.tif
source=signed\_combined\_declarations\_assignments#page4.tif
source=signed\_combined\_declarations\_assignments#page5.tif
source=signed\_combined\_declarations\_assignments#page5.tif
source=signed\_combined\_declarations\_assignments#page6.tif
source=signed\_combined\_declarations\_assignments#page7.tif
source=signed\_combined\_declarations\_assignments#page7.tif

source=signed\_combined\_declarations\_assignments#page9.tif source=signed\_combined\_declarations\_assignments#page10.tif

Attorney Docket No.: <u>END7465USCNT1/140141CON1</u>
US Application No.: 16/388,952

COMBINED DECLARATION AND ASSIGNMENT  Fitle of Invention: FASTENER CARTRIDGE COMPRISING NON-UNIFORM FASTENERS  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	
This declaration and assignment is directed to:  The attached or filed herewith application of (list of named inventors)  or	,
The attached or filed herewith application of (list of named inventors)  or	,
or	,
The United States application or PCT international application	
number <u>16/388,952</u> filed on <u>April 19, 2019</u> .	
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 an anti-distribution which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for find the United States of America.	isclose ings of
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by mprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.	fine or
Ethicon LLC  #475 Street C, Suite 401  Los Frailes Industrial Park  Guaynabo, Puerto Rico 00969	
a Limited Liability Company of Delaware.	
(hereinafter designated as the "Assignee"),	
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to A which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	ssignee
or	
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/cassigned and transferred to Assignee:	r have
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefre the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of the such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, division continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extended supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its cannot enjoyement to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same have been held and enjoyed by me had this assignment and sale not been made.	United em, all us, and usions, wn use
Page 1 of 2	

Attorney Docket No.: END7465USCNT1/140141CON1
US Application No.: 16/388,952

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.

Thomas W. Huitema

LEGAL NAME OF INVENTOR

Thomas W. Huteria

March 1/2020

Page 2 of 2

		US Application No.: 16/388,952
COM	MBINED	DECLARATION AND ASSIGNMENT
l'itle of Invention: <u>FASTENER C</u>	ARTRIDO	GE COMPRISING NON-UNIFORM FASTENERS
This declaration and assignment is direct	ed to:	
		The attached or filed herewith application of (list of named inventors)
	or	
		The United States application or PCT international application number 16/388,952 filed on April 19, 2019.
Declaration		
As the below named inventor, I	hereby dec	clare that:
The above-identified application	n ("Applica	ation") was made or authorized by me.
I believe that I am the original i	nventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understoo nformation which is material to patenta his Application in the United States of	ibility as di	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 LLC #475 Street C, Suite 401 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 is Patent Office and I confirm I have and do assign and transfer:
3 <b>x</b>		
For good and valuable considussigned and transferred to Assignee:	eration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applica States. European Patent Office and of a such inventions or discoveries and all continuations thereof, and to all Letters supplementary protection certificates, re	ation, all in all other co rights in Patent the examination or 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 nent and sale not been made.
		Dana 1 of 2
304347503 v1		Page 1 of 2

PATENT

REEL: 053175 FRAME: 0591

US Application No.: 16/388,952

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.

Kevin R. Doll	
LEGAL NAME OF INVENTOR	
V. 2200	3/3/2020
Signifie	Date

Page 2 of 2

	Attorney Docket No.: <u>END7465USCNT1/140141CON1</u> US Application No.: <u>16/388,952</u>
COMBINEL	DECLARATION AND ASSIGNMENT
Title of Invention: FASTENER CARTRID	GE COMPRISING NON-UNIFORM FASTENERS
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors)
o.	
	The United States application or PCT international application number 16/388,952 filed on April 19, 2019
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.
I have reviewed and understood the continiormation which is material to patentability as d this Application in the United States of America.	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 fillings of this. Application in the United States of America.
Assignment	
	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Gunynabo, Puerto Rico 00969
a L	imited Liability Company of Delaware.
(he	reinafter designated as the "Assignce"),
	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	
For good and valuable consideration, the assigned and transferred to Assignce:	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 or 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 iventions 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, 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.
304347518 v1	Page 1 of 2

US Application No.: 16/388,952

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 Assignce 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 Projection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignce, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Frederick E. Shelton, IV LEGAL NAME OF INVENTOR		
Jul Shir	3/3/2020	
Signature	Date	***************************************

Page 2 of 2

	Attorney Docket No.: <u>END7465USCNT1/140141CON</u> US Application No.: <u>16/388,95</u> :
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: FASTENER CARTRID	GE COMPRISING NON-UNIFORM FASTENERS
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors)
0°	•••••••••••••••••••••••••••••••••••••••
	The United States application or PCT international application number 16/388,952 filed on April 19, 2019.
Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applic	
	an original inventor of a claimed invention or discovery in the Application,
I have reviewed and understood the cont	ents of the Application, including the claims, and I acknowledge the duty to discloss lefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fall imprisonment of not more than five (5) years, or bo	ise statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine on oth for filings of this. Application in the United States of America.
Assignment	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynaba, Puerto Rico 00969
a L	imited Liability Company of <u>Delaware</u> .
(ha	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the L	d the above-identified invention by previous assignment (attached hereto) to Assigned IS Patent Office and I confirm I have and do assign and transfer:
63.	
For good and valuable consideration, the	se 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.

Page 1 of 2

US Application No.: 16/388,952

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.

Page 2 of 2

304347523 V1

Attorney Docket No.: <u>END7465USCNT1/140141CON1</u> US Application No.: <u>16/388,952</u>
COMBINED DECLARATION AND ASSIGNMENT
Title of Invention: FASTENER CARTRIDGE COMPRISING NON-UNIFORM FASTENERS
This declaration and assignment is directed to:
The attached or filed herewith application of (list of named inventors)
or
The United States application or PCT international application number 16/388,952 filed on April 19, 2019.
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 or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.
Assignment  Ethicon LLC  #475 Street C, Suite 401  Los Frailes Industrial Park  Guaynabo, Puerto Rico 00969
a 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 Assigned which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:
er
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have 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

US Application No.: 16/388,952

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 Applications(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 yest 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 herewish.

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.

Jason L. Harris	
LEGAL NAME OF INVENTOR	
Jun 1 Mus	33/2020
Signature	Date

Page 2 of 2

	Attorney Dockef No.: <u>END7465USCNT1/140141CON1</u> US Application No.: <u>16/388,952</u>
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>FASTENER CARTRID</u>	GE COMPRISING NON-UNIFORM FASTENERS
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 16/388.952 filed on April 19, 2019.
Declaration	
As the below named inventor, I hereby de-	clare that:
The above-identified application ("Application ("Applicati	ation") was made or authorized by me.
I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.	
	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this. Application in the United States of America.
Assignment	
	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
aL	imited Liability Company of Delaware.
(he	reinafter designated as the "Assignce"),
	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 wentions 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, ms, 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.
304347544 <b>v1</b>	Page 1 of 2

US Application No.: 16/388,952

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 Trenty, 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 Assignce and to vest and confirm in Assignce 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 Assignce, 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.

Geoffrey C. Huell

LEGAL NAME OF INVENTOR

03/03/2025

Page 2 of 2