504583542 10/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4630254

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES G. LEE	10/06/2017
CHRISTOPHER J. HESS	09/28/2017
DANIEL J. MUMAW	10/05/2017

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:	29618659

CORRESPONDENCE DATA

Fax Number: (513)337-8489

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: 513-337-7158

Email: tpiening@its.jnj.com

Correspondent Name: JOSEPH F. SHIRTZ JOHNSON & JOHNSON

Address Line 1: ONE JOHNSON & JOHNSON PLAZA

Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933-7003

ATTORNEY DOCKET NUMBER:	END7864USDCO1
NAME OF SUBMITTER:	VICTOR C. MORENO
SIGNATURE:	/VICTOR C. MORENO/
DATE SIGNED:	10/06/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT REEL: 043804 FRAME: 0969

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> PATENT REEL: 043804 FRAME: 0970

Attorney Docket No.: <u>END7864USDCO1</u>
US Application No.; <u>29/618.659</u>

CC	OMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL S	UTURING I	DEVICE
This declaration and assignment is dire	ected to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number 29/618.659 filed on September 22, 2017.
Declaration		
As the below named inventor,	I hereby dec	lare that:
The above-identified applicat	ion ("Applica	tion") was made or authorized by me.
I believe that I am the original	l inventor or a	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understo information which is material to paten this Application in the United States of	itability 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		
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lii	mited Liability Company of <u>Delaware</u> .
	(her	einafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee 3 Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable constanting assigned and transferred to Assignee:	ideration, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applie States, European Patent Office and of such inventions or discoveries and a continuations thereof, and to all Lette supplementary protection certificates, t	cation, all investion, all investions all other could rights in a respective part of the reason and the reason are the reason or terms of the reason are reason and reason are r	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 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 for 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

REEL: 043804 FRAME: 0971

Attorney Docket No.: END7864USDCO1

US Application No.: 29/618,659

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

CHRISTOPHER J. HESS

Signatyre

Data 7

Page 2 of 2

C	OMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL	SUTURING I	DEVICE
This declaration and assignment is di	rected to:	
		The attached or filed herewith application of (list of named inventors)
	or	
	\boxtimes	The United States application or PCT international application number 29/618,659 filed on September 22, 2017.
Declaration		
As the below named inventor	or, I hereby dec	lare that:
The above-identified application	ation ("Applica	tion") was made or authorized by me.
I believe that I am the origin	al inventor or	an original inventor of a claimed invention or discovery in the Application.
	entability as de	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
		be 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
	a Li	mited Liability Company of <u>Delaware</u> .
	(her	reinafter designated as the "Assignee"),
		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 cor 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 App States, European Patent Office and such inventions or discoveries and continuations thereof, and to all Let supplementary protection certificates	flication, all in of all other co all rights in ters Patent tha , 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

Page 1 of 2

have been held and enjoyed by me had this assignment and sale not been made.

PATENT

REEL: 043804 FRAME: 0973

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 DANIEL J. MUMAW

Date

Page 2 of 2

	COMBINEI	D DECLARATION AND ASSIGNMENT
Title o	f Invention: SURGICAL SUTURING	<u>DEVICE</u>
This dec	laration and assignment is directed to:	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number <u>29/618,659</u> filed on <u>September 22, 2017</u> .
Declar	ation	
	As the below named inventor, I hereby de	eclare that:
	The above-identified application ("Application ("Applicati	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.
informat		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
		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.
Assign	ment	Ethicon LLC
		#475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a I	Limited Liability Company of Delaware.
	(he	ereinafter designated as the "Assignee"),
		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 and transferred to Assignee:	he sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right States, I such inv continua supplem and enjo	to claim priority to the Application, all in European Patent Office and of all other contents or discoveries and all rights in tions thereof, and to all Letters Patent the entary protection certificates, reexamination	r the Application, including all priority rights for other countries arising therefrom and nventions 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 a such Application including any and all provisionals, substitutions, divisions, and nat 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 a for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.

Page **1** of **2**

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.

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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.

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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.

LEGAL NAME OF INVENTOR JAMES G. LEE

Signature

 $\frac{10/6/2017}{\text{Date}}$

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PATENT

REEL: 043804 FRAME: 0976