505431353 04/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5478153

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK D. OVERMYER	02/07/2019
MARK A. DAVISON	02/07/2019
CHRISTOPHER A. DENZINGER	02/07/2019
SOL A. POSADA	04/10/2019
JOSHUA D. YOUNG	04/10/2019

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:	16219080

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7135887046

Email: vdockethou@vorys.com

Correspondent Name: VORYS, SATER, SEYMOUR AND PEASE LLP

Address Line 1: 700 LOUISIANA ST.

Address Line 2: SUITE 4100

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	END9001USNP2/049450-0038
NAME OF SUBMITTER:	IONA N. KAISER
SIGNATURE:	/lona N. Kaiser/
DATE SIGNED:	04/17/2019

PATENT 505431353 REEL: 048907 FRAME: 0635

Total Attachments: 10 source=END9001USNP2_SignedComboDecAsnEES#page1.tif source=END9001USNP2_SignedComboDecAsnEES#page2.tif source=END9001USNP2_SignedComboDecAsnEES#page3.tif source=END9001USNP2_SignedComboDecAsnEES#page4.tif source=END9001USNP2_SignedComboDecAsnEES#page5.tif source=END9001USNP2_SignedComboDecAsnEES#page6.tif source=END9001USNP2_Posada-DecAsmt_049450-0038#page1.tif source=END9001USNP2_Posada-DecAsmt_049450-0038#page2.tif source=END9001USNP2_Young-DecAsmt_049450-0038#page1.tif

PATENT REEL: 048907 FRAME: 0636

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SURGICAL TOOL PERFO This declaration and assignment is directed to:	DRMANCE VIA MEASUREMENT AND DISPLAY OF TISSUE TENSION
	The attached or filed herewith application of Mark D. Overmyer, Sol A. Posada, Joshua D. Young, Mark A. Davison, and Christopher A. Denzinger
or	
	The United States application or PCT international application number 16/219,080 filed on December 13, 2018.
Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applic	ation") was made or authorized by me.
I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
	ents of the Application, including the claims, and I acknowledge the duty to disclose 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	
· · · · · ·	Ethicon LLC
	#475 Street C, Suite 401 Los Frailes Industrial Park
	Guaynabo, Puerto Rico 00969
A Limite	nd Liability Company of the state of Delaware
(he	reinafter designated as the "Assignee"),
	d the above-identified invention by previous assignment (attached hereto) to Assignee JS Patent Office and I confirm I have and do assign and transfer:
or	
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
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 tat 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

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

MARK D. OVERMYER

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	
als Cher	2-7-2019

Signature Date

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	□ or	The attached or filed herewith application of Mark D. Overmyer, Sol A. Posada, Joshua D. Young, Mark A. Davison, and Christopher A. Denzinger
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		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	Limited	Liability Company of the state of <u>Delaware</u>
	(here	cinafter 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		
For good and valuable considera assigned and transferred to Assignee:	ition, 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 such inventions or discoveries and all ricontinuations thereof, and to all Letters Parapplementary protection certificates, reexa	n, all invother cou ghts in a atent that amination	he 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 intries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and 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 for which such Letters Patent may be granted, as fully and entirely as the same would

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

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MARK A. DAVISON	
Legal Name of Inventor	
Grad L. Dair	02/07/2019
Signature	Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SURGICAL TOO This declaration and assignment is direct		RMANCE VIA MEASUREMENT AND DISPLAY OF TISSUE TENSION
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	A Limited	I Liability Company of the state of <u>Delaware</u>
	(her	einafter 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:
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For good and valuable consides assigned and transferred to Assignce:	eration, the	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	tion, all in all other co rights in Patent the examinatio	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, 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

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CHRISTOPHER A. DENZINGER

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PATENT REEL: 048907 FRAME: 0643

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SOL A. POSADA

Signature Date

COMBINEI	DECLARATION AND ASSIGNMENT
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	The attached or filed herewith application of Mark D. Overmyer, Sol A. Posada, Joshua D. Young, Mark A. Davison, and Christopher A. Denzinger
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PATENT REEL: 048907 FRAME: 0645

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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.

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JOSHUA D. YOUNG

Legal Name of Inventor

an fan faffan blanne by f

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