### 05/05/2019 505460893

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5507696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER A. DENZINGER	02/07/2019
MARK A. DAVISON	02/07/2019
MARK D. OVERMYER	02/07/2019
JOSHUA D. YOUNG	04/10/2019
SOL A. POSADA	05/03/2019

### **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:	16219050

### **CORRESPONDENCE DATA**

Fax Number: (202)533-9099

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: 713-588-7003

patlaw@vorys.com, vdockethou@vorys.com Email: VORYS, SATER, SEYMOUR AND PEASE LLP **Correspondent Name:** 

1909 K ST., NW Address Line 1: Address Line 2: 9TH FLOOR

Address Line 4: WASHINGTON, D.C. 20006-1152

ATTORNEY DOCKET NUMBER:	049450-000037
NAME OF SUBMITTER:	IONA N. KAISER
SIGNATURE:	/lona N. Kaiser/
DATE SIGNED:	05/05/2019

# Total Attachments: 10 source=END9001USNP1\_SignedComboDecAsnEES#page1.tif source=END9001USNP1\_SignedComboDecAsnEES#page2.tif source=END9001USNP1\_SignedComboDecAsnEES#page3.tif source=END9001USNP1\_SignedComboDecAsnEES#page4.tif source=END9001USNP1\_SignedComboDecAsnEES#page5.tif source=END9001USNP1\_SignedComboDecAsnEES#page6.tif source=END9001USNP1\_Signed-DecAsmts-Young-Posada\_049450-0037#page1.tif source=END9001USNP1\_Signed-DecAsmts-Young-Posada\_049450-0037#page2.tif source=END9001USNP1\_Signed-DecAsmts-Young-Posada\_049450-0037#page3.tif source=END9001USNP1\_Signed-DecAsmts-Young-Posada\_049450-0037#page3.tif

# COMBINED DECLARATION AND ASSIGNMENT

<b>Title of Invention</b> : <u>SURGICAL TOOL PERFORM</u> This declaration and assignment is directed to:	MANCE VIA MEASUREMENT AND DISPLAY OF TISSUE TENSION
	The attached or filed herewith application of Mark D. Overmyer, Sol A. Posada,
	Ine anached of the differential application of Mark D. Overniver, 301 A. Posada, Joshua D. Young, Mark A. Davison, and Christopher A. Denzinger
or	
	The United States application or PCT international application number 16/219,050 filed on December 13, 2018.
Declaration	
As the below named inventor, I hereby declar	e that:
The above-identified application ("Application	n") 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.
	s of the Application, including the claims, and I acknowledge the duty to disclose ned in Title 37, the United States Code of Federal Regulations, §1.56 for fillings of
	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	
	Ethicon LLC #475 Street C, Suite 401
	Los Frailes Industrial Park
•	Guaynabo, Puerto Rico 00969
A Limited L	iability Company of the state of <u>Delaware</u>
(hereir	nafter designated as the "Assignee"),
	ne above-identified invention by previous assignment (attached hereto) to Assignee attent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the s 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 inver States, European Patent Office and of all other coun such inventions or discoveries and all rights in su continuations thereof, and to all Letters Patent that a supplementary protection certificates, reexaminations,	Application, including all priority rights for other countries arising therefrom and attions or discoveries therein disclosed, and any and all Letters Patent of the United tries, which may be granted for such inventions or discoveries, or any of them, all ch Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, renewals, 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

1

PATENT

Client Ref: END9001USNP1 Application No: 16/219,050 Atty Ref: 049450.000037

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

CHRISTOPHER A. DENZINGER

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 Legal Name of Inventor O2/07/2019 Signature Date

Client Ref: END9001USNP1 Application No: 16/219,050 Atty Ref: 049450,000037

## COMBINED DECLARATION AND ASSIGNMENT

Committee	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL TOOL PERFORT This declaration and assignment is directed to:	MANCE 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	Joshua D. Toung, wark A. Davison, and Christopher A. Denzinger
	The United States application or PCT international application number 16/219,050 filed on December 13, 2018.
Declaration	
As the below named inventor, I hereby declar	are that:
The above-identified application ("Application	ion") was made or authorized by me.
I believe that I am the original inventor or as	n original inventor of a claimed invention or discovery in the Application.
	its 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
	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	
	Ethicon LLC #475 Street C, Suite 401
	Los Frailes Industrial Park
	Guaynabo, Puerto Rico 80969
A Limited	Liability Company of the state of <u>Delaware</u>
(here	inafter 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 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 involved States, European Patent Office and of all other cousuch inventions or discoveries and all rights in such inventions thereof, and to all Letters Patent that supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and centions or discoveries therein disclosed, and any and all Letters Patent of the United ntries, 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

1

PATENT

Client Ref: END9001USNP1 Application No: 16/219,050 Atty Ref: 049450,000037

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

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.

MARK A. DAVISON  Legal Name of Inventor	
Snal I. Davis	02/07/2019
Signature	Date

Client Ref: END9001USNP1 Application No: 16/219,050 Atty Ref: 049450.000037

# COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SURGICAL TOOL PERFO This declaration and assignment is directed to:	RMANCE 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	Joshua D. Toung, wark A. Davison, and Christopher A. Denzinger
	The United States application or PCT international application number 16/219,050 filed on December 13, 2018.
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	an original inventor of a claimed invention or discovery in the Application.
	ints 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 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 Ríco 00969
A Limited	l 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:
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 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

į

PATENT

Client Ref: END9001USNP1 Application No: 16/219,050 Atty Ref: 049450.000037

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

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.

MARK D. OVERMYER

Legal Name of Inventor

Signature

Date

2

PATENT

2-9-2018

### COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: <u>SURGICAL TOOL PERFO</u> 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
95	Statement of a Charles, Andrews and Carlo and
	The United States application or PCT international application number 16/219.050 filed on <u>December 13, 2018</u> .
Declaration	
As the below named inventor, I hereby de	where that:
The above-identified application ("Application ("Application of the above-identified application of th	ration") was made or authorized by me.
I believe that I am the original inventor or	r an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the con information which is material to patentability as o this Application in the United States of America.	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 fillings of
I hereby acknowledge that any willful fa imprisonment of not more than five (5) years, or b	lae 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	N/A 1
	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
A Limit	ed Liability Company of the state of <u>Delaware</u>
(h	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assign which is hereby conformed for recondation in the l	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:
<b>⊗</b> €	
For good and valuable consideration, i assigned and transferred to Assignee:	he sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all i States. European Patent Office and of all other of such inventions or discoveries and all rights is continuations thereof, and to all Letters Patent to supplementary protection certificates, reasoninate	If the Application, including all priority rights for other countries arising therefrom and inventions 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 in such Application including any and all provisionals, substitutions, divisions, and hat may be granted for said inventions and discoveries, and in and to all extensions, ions, renewals, and reissues thereof, to be held and enjoyed by Assignce for its own uses for which such Letters Patent may be granted, as fully and entirely as the same would
	· · · · · · · · · · · · · · · · · · ·

Client Ref: END9001USNP1 Application No: 16/219.050 Atty Ref: 049450.000037

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

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 recxamination 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.

JOSHUA D. YOUNG

Legal Name of Inventor

4/10/19

2

Client Ref. END9001USNP1 Application No: 16/219,050 Atty Ref. 049450.000037

# COMBINED DECLARATION AND ASSIGNMENT

<b>l'itle of Invention:</b> <u>SURGICAL TOC</u> This declaration and assignment is direct		RMANCE VIA MEASUREMENT AND DISPLAY OF TISSUE TENSION
		The attached or filed herewith application of Mark D. Overmyer, Sol A. Posada,
	or	Joshua D. Young, Mark A. Davison, and Christopher A. Denzinger
		The United States application or PCT international application number 16/219.050 filed on December 13, 2018.
Declaration		
As the below named inventor, I	hereby dec	clare that;
The above-identified application	("Applica	dion") was made or authorized by me.
I believe that I am the original in	ventor or	an original inventor of a claimed invention or discovery in the Application.
	oility 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
		se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th 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
· Seguine	A Limited	I Liability Company of the state of Delaware
	(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:
8F		
For good and valuable conside ssigned and transferred to Assignee:	ration, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to the Applicat states, European Patent Office and of al uch inventions or discoveries and all continuations thereof, and to all Letters upplementary protection certificates, ree	ion, all im I other co rights in Patent tha xamination	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
		)

Client Ref. END9001USNP1 Application No: 16/219.050 Any Ref: 049450.000037

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

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.

SOL A. POSADA

Legal Name of Inventor

Signature

5/3/19

Date

2