PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6085626

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES R. GIORDANO	02/26/2020
JEFFREY S. SWAYZE	03/06/2020
FREDERICK E. SHELTON IV	03/09/2020

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:	16234761

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: 412-355-3746

Email: piuspatents@klgates.com MICHELLE L. WEAVER **Correspondent Name:** Address Line 1: 210 SIXTH AVENUE Address Line 2: **K&L GATES LLP**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END5924USCNT27/060339CN27
NAME OF SUBMITTER:	MICHELLE L. WEAVER
SIGNATURE:	/Michelle L. Weaver/
DATE SIGNED:	04/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT REEL: 052536 FRAME: 0167

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PATENT REEL: 052536 FRAME: 0168

	US Application No.: 16/23	
	COMBINED DECLARATION AND ASSIGNMENT	<u> </u>
Title o	of Invention: SURGICAL INSTRUMENT WITH WIRELESS COMMUNICATION RETWEEN A CONTROL I	UNI
CAL IS IN	COBOTIC STSTEM AND REMOTE SENSOR	
This dec	claration 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 16/234,761 filed on December 28, 2018.	
Declar	ration	
	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.	
informati	I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disting which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filing plication in the United States of America.	sclose igs of
mprison	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by finnent of not more than five (5) years, or both for filings of this Application in the United States of America.	ine or
Assignı	ment	
	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"),	
] vhich is I	I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assi hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	ignee
) 3 *		
⊠ I ssigned a	For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or and transferred to Assignee:	have
the right the right to the continuation of the	e right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the UnEuropean Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them rentions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, tions thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensionals protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own yment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same we held and enjoyed by me had this assignment and sale not been made.	nited n, all and ions,
	Page 1 of 2	

304451997 v1

Attorney Docket No.: END5924USCNT27/060339CN27

US Application No.: 16/234,761

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.

James R. Giordano

LEGAL NAME OF INVENTOR

Signatura

2/24/2020 Date

Page 2 of 2

Attorney Docket No.: <u>END5924USCNT27/060339CN27</u> US Application No.: <u>16/234,761</u>

COMBINEI	D DECLARATION AND ASSIGNMENT		
Title of Invention: <u>SURGICAL INSTRUM</u> OF A ROBOTIC SYSTEM AND REMOTE SE	IENT WITH WIRELESS COMMUNICATION BETWEEN A CONTROL UNIT		
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 16/234,761 filed on December 28, 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.		
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.			
	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 L	imited Liability Company of <u>Delaware</u> .		
(he	ereinafter designated as the "Assignee"),		
	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 Assignce:	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 consuct 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 aventions 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 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 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			
MALLEN MARKET AND			

PATENT REEL: 052536 FRAME: 0171

Attorney Docket No.: END5924USCNT27/060339CN27

US Application No.: 16/234,761

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.

Jeffrey S. Swayze LEGAL NAME OF INVENTOR			
Mysha		2020	
Signature *	Date		

Page 2 of 2

		US Application No.: 16/234,761
CON	ABINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL II OF A ROBOTIC SYSTEM AND REM		ENT WITH WIRELESS COMMUNICATION BETWEEN A CONTROL UNIT
This declaration and assignment is direct	ed to:	
		The attached or filed herewith application of (list of named inventors)
	or	
	\boxtimes	The United States application or PCT international application number 16/234,761 filed on December 28, 2018.
Declaration		
As the below named inventor, I	hereby dec	lare that:
The above-identified application	ı ("Applica	tion") was made or authorized by me.
I believe that I am the original in	wentor or a	an original inventor of a claimed invention or discovery in the Application.
	bility as de	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 Rico 00969
	a Li	mited Liability Company 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:
or		
For good and valuable considerassigned and transferred to Assignee:	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, rec	tion, all im Il other co- rights in Patent the examination or terms i	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, 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 tent and sale not been made.

Page 1 of 2

304452061 v1

Attorney Docket No.: END5924USCNT27/060339CN27

US Application No.: 16/234,761

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.

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.

Frederick E. Shelton, IV		
LEGAL NAME OF INVENTOR		
Full Edward	3/9/2020	
Signature /	Date	

Page 2 of 2

304452061 v1