505557420 07/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5604217

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG N. FALLER	06/20/2019
JACOB S. GEE	06/12/2019
PAUL F. RIESTENBERG	06/10/2019
JONATHAN T. BATROSS	06/20/2019
DAVID A. MONROE	06/20/2019
BENJAMIN D. DICKERSON	06/20/2019
JEFFREY D. MESSERLY	06/14/2019

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:	16407823

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:	END7370USDIV1/130418DIV1
NAME OF SUBMITTER:	CARA M. PINTO
SIGNATURE:	/Cara M. Pinto/

DATE SIGNED:	07/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 14	·
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Attorney Docket No.: <u>END7370USDIV1/130418DIV1</u>
US Application No.: <u>16/407,823</u>

	COMBINEL	DECLARATION AND ASSIGNMENT
Title of Invention:	ACTUATION MECHANISTRUMENTS	NISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
This declaration and ass	signment is directed to:	n de la companya de La companya de la co
		The attached or filed herewith application of (list of named inventors),
	01	. 현실, 기계 시간 등이 전혀 있는 경험을 받는 것 때문에 발생하는 것을 모르는 것이 되었다.
	☒	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Declaration		
As the below n	amed inventor, I hereby dec	lare that:
The above-ide	ntified application ("Applica	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.
information which is m	ed and understood the conte aterial to patentability as de 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
I hereby ackno imprisonment of not mo	wledge that any willful fals re than five (5) years, or bo	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	a Li	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969 mited Liability Company of <u>Delaware</u> .
		einafter designated as the "Assignee"),
I hereby acknowhich is hereby conform	wledge that I have assigned	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:
For good and ussigned and transferred	valuable consideration, the to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priorit states, European Patent uch inventions or disc continuations thereof, an upplementary protection and enjoyment to the ful	y to the Application, all inv toffice and of all other concoveries and all rights in not to all Letters Patent than a certificates, reexamination I end of the term or terms f	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 or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.
		으로 보통하고 생물이 가는 경기에 들어 가장 보고 있다. 그러고 있는 것이 되었다. 그런 그는 것이 되었다. 그런
		Page 1 of 2

US Application No.: 16/407,823

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.

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Signature	`)					 *			Date		7	1		 	100 100

Attorney Docket No.: <u>END7370USDIV1/130418DIV1</u> US Application No.: <u>16/407,823</u>

	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	ACTUATION MECHAN INSTRUMENTS	VISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
This declaration and ass	signment is directed to:	
		The attached or filed herewith application of (list of named inventors),
		고하는 전 등에 가장 및 이 1980명에 발표되었다. 이 기계 전 기계 등에 있는 기계 함께 이 하는데 그는 그리고 하는데 함께 함께 하는데 그는 그리고 하는데 그리고 있다. 그리고 하는데 그리고 하는데 그리고 있다. 그리고 있다면 하는데 그리고 있다. 그리고 있다면 보다 되었다. 그리고 있다. 그리고 있다면 보다 되었다. 그리고 있다. 그리고 있다. 그리고 있다. 그리고 있다. 그리고 있다면 보다 되었다. 그리고 있다. 그리고 있다. 그리고 있다면 보다 되었다. 그리고 있다면 보다 되었다면 보다 되었다. 그리고 있다면 보다 되었다면 보다 되었다. 그리고 있다면 보다 되었다. 그리고 있다면 보다 되었다. 그리고 있다면 보다 되었다면 보다 되었다. 그리고 있다면 보다 되었다면 보다 되었다. 그리고 있다면 보다 되었다면
	×	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Declaration		
As the below n	amed inventor, I hereby dec	lare that:
The above-ide	ntified application ("Applica	ntion") was made or authorized by me.
I believe that I	am the original inventor or i	an original inventor of a claimed invention or discovery in the Application.
nformation which is m		ents 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
		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
		mited Liability Company of Delaware.
	(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:
☑ For good and issigned and transferred		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priori States, European Paten such inventions or dis- continuations thereof, a supplementary protection and enjoyment to the fu	ty to the Application, all invit Office and of all other concoveries and all rights in and to all Letters Patent that on certificates, reexamination lend of the term or terms in	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 tent and sale not been made.
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US Application No.: 16/407,823

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.

Jacob S. Gee

LEGAL NAME OF INVENTOR

Signature). Dee

Date 6/17/2019

Page 2 of 2

Attorney Docket No.: END7370USDIV1/130418DIV1
US Application No.: 16/407,823

		COMBINED	DECLARATION AND ASSIGNMENT
Title		ACTUATION MECHANINSTRUMENTS	VISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
This c	declaration and assig	gnment is directed to:	
			The attached or filed herewith application of (list of named inventors),
		or	
		⊠	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Decl	aration		andre de la
	As the below na	med inventor, I hereby dec	lare that:
	The above-ident	ified application ("Applica	ation") was made or authorized by me.
	I believe that I a	m the original inventor or	an original inventor of a claimed invention or discovery in the Application.
	nation which is mat		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
impris			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.
Assig	gnment	a Li	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969 mited Liability Company of <u>Delaware</u> .
		(he	reinafter designated as the "Assignee"),
□ which			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			마를 가게 하면 하게 많은 것이 되었다. 그 가는 것은 것이 되었다는 것이 되었다는 것이 되었다. 그런 것이 되었다는 것이 없는 것이 생물보다는 것이 되었다면 하게 되었다. 는 것이 살 보다는 것이 되었다면 것이 되었다면 것이 없는
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he rig States, such i contin supple and en	ght to claim priority, European Patent inventions or disconuations thereof, and ementary protection alowment to the full	to the Application, all in Office and of all other converies and all rights in d to all Letters Patent that certificates, reexamination and of the term or terms in	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 nent and sale not been made.
			Page 1 of 2

US Application No.: 16/407,823

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 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,

Paul F. Riestenberg

LEGAL NAME OF INVENTOR

Signature

Data

6/10/19

Attorney Docket No.: END7370USDIV1/130418DIV1
US Application No.: 16/407.823

COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: <u>ACTUATION MECHA</u> <u>INSTRUMENTS</u>	NISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
oxtimes	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Declaration	그 사이에 가는 이 경기를 받았다. 그는 기본 경기를 받는 것이 되는 것으로 보고 있다면 하는 것으로 되었다. - 그는 그는 그는 것이 경기를 보고 있는 것이 되는 것이 되는 것이 되는 것이 되었다. 그 것이 없는 것이 되었다.
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.
	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 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.
Assignment	도 해보는 경기에 가는 바로 보는 그리고 배송하는 그 소프랑스 바르면 하는 그 그래도 그래요? 그리고 하는 것이다.
	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
al de la companya de	imited Liability Company of <u>Delaware</u> .
Che	ereinafter 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 co 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 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 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 ment and sale not been made.

Page 1 of 2

US Application No.: 16/407,823

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 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.

Jonathan T. Batross

LEGAL NAME OF INVENTOR

signature.

To a

6/20/2019

S Application No.: 16/407.823

	US Application No.; <u>16/40/,823</u>
COME	BINED DECLARATION AND ASSIGNMENT
	ECHANISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
<u>INSTRUMENTS</u>	전에 되면 하고 있는 이 사이에 하고하하는 경기를 된 시는 환경에 발한 문화를 포함하는 그는 사람 요
This declaration and assignment is directed	
	The attached or filed herewith application of (list of named inventors),
	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Declaration	and a later and the American American American American and the action of the second and the second and the se The action of the second and the se The action of the second and the second
As the below named inventor, I he	reby declare that:
The above-identified application ('Application") was made or authorized by me.
I believe that I am the original inve	entor or an original inventor of a claimed invention or discovery in the Application.
	he contents of the Application, including the claims, and I acknowledge the duty to disclose ity as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of terica.
	liful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or s, 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 <u>Delaware</u> .
	(hereinafter designated as the "Assignee"),
	assigned the above-identified invention by previous assignment (attached hereto) to Assignee in the US Patent Office and I confirm I have and do assign and transfer:
☑ For good and valuable considerates signed and transferred to Assignee:	tion, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority to the Application States, European Patent Office and of all couch inventions or discoveries and all rigonitinuations thereof, and to all Letters Paupplementary protection certificates, reexamples.	I under the Application, including all priority rights for other countries arising therefrom and all inventions or discoveries therein disclosed, and any and all Letters Patent of the United other countries, which may be granted for such inventions or discoveries, or any of them, all ghts in such Application including any and all provisionals, substitutions, divisions, and atent that may be granted for said inventions and discoveries, and in and to all extensions, minations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use terms for which such Letters Patent may be granted, as fully and entirely as the same would assignment and sale not been made.
	하고 있다는 얼굴이 되었다. 그 사람들은 사람들은 사람들은 얼굴을 하다.
	Page 1 of 2

US Application No.: 16/407,823

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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.

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.

David A. Monroe

LEGAL NAME OF INVENTOR

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Signature

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6/20/2019

Page 2 of 2

		US Application No.: <u>16/407,823</u>
	COMBINE	DECLARATION AND ASSIGNMENT
Title of Invention:	ACTUATION MECHAI	NISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
This declaration and ass	ignment is directed to:	보면 아는 아니는 사람이 되면 경험되었다고 있다는 마음에 면이 없어 들어가면 되었다면 들어 있었다. 그는 그는 그 말을 다 하는 것이 되었다. 그리고 있는 것이 되었다면 하는 것이 되었다면 하는 것이 되었다. 그는 것이 되었다면 되었다면 하는 것이 되었다. 그는 것이 되었다면 하는 것이 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 생각하는 것이 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면
		The attached or filed herewith application of (list of named inventors)
	or	가 있었다. 그 사람들은 이번 사람들은 사람들이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
	×	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Declaration		
As the below n	amed inventor, I hereby de	clare that:
The above-ider	ntified application ("Application	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.
information which is mathis Application in the l I hereby ackno	aterial to patentability as de United States of America. wledge that any willful fal-	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.
	re man rive (3) years, or bo	an for things 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 Ll	mited Liability Company of <u>Delaware</u> .
	(he	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:
☑ For good and assigned and transferred		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority States, European Patent such inventions or discontinuations thereof, and supplementary protection and enjoyment to the full	y to the Application, all in Office and of all other co coveries and all rights in and to all Letters Patent than a certificates, reexamination I end of the term or terms	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 nent and sale not been made.
		Page 1 of 2

US Application No.: 16/407,823

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.

Benjamin D. Dickerson

LEGAL NAME OF INVENTOR

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6.20,19

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US Application No.: 16/407,823

	CON	ABINET	OS Application No.; 10/407,823 DECLARATION AND ASSIGNMENT
Title	e of Invention: ACTUATION	MECHAI	NISMS AND LOAD ADJUSTMENT ASSEMBLIES FOR SURGICAL
	INSTRUMENT		- 19 (1984년) 1일 (1984년) 1일
This o	declaration and assignment is direct	ed to:	·소설 (발생자 함께) 발표하셨다면 보고 하셨다. 그 그 그는 보고 보고 있었다.
		П	The attached or filed herewith application of (list of named inventors),
		or	
		×	The United States application or PCT international application number 16/407,823 filed on May 9, 2019.
Decl	laration		
	As the below named inventor, I	hereby dec	clare that:
	The above-identified application	ı ("Applica	ation") was made or authorized by me.
	I believe that I am the original in	nventor or	an original inventor of a claimed invention or discovery in the Application.
		bility as d	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
impris			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.
Assiţ	gnment		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park
			Guaynabo, Puerto Rico 00969
		a Li	imited Liability Company of <u>Delaware</u> .
		(he	reinafter designated as the "Assignee"),
□ which			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			
⊠ assign	For good and valuable considered and transferred to Assignee:	eration, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the rig States, such i contin supple and en	ght to claim priority to the Applicants, European Patent Office and of a inventions or discoveries and all mustions thereof, and to all Letters ementary protection certificates, ree	ion, all in il other co rights in Patent tha xamination or terms	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 outries, 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 nent and sale not been made.
			어떤 아내의 불의로 여자로 일속된 사람들을 그 그리다는 그리고 이어나?

Page 1 of 2

US Application No.: 16/407,823

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.

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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.

Jeffrey D. Messerly

LEGAL NAME OF INVENTOR

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6/14/2019

Page 2 of 2