PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3488623

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHESTER O. BAXTER III	06/29/2015
JEFFREY S. SWAYZE	06/25/2015
ADAM R. DUNKI-JACOBS	06/29/2015

RECEIVING PARTY DATA

Name:	ETHICON ENDO-SURGERY, LLC	
Street Address:	475 C STREET	
Internal Address:	SUITE 202	
City:	GUAYNABO	
State/Country:	PUERTO RICO	
Postal Code:	0969	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14742900

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.

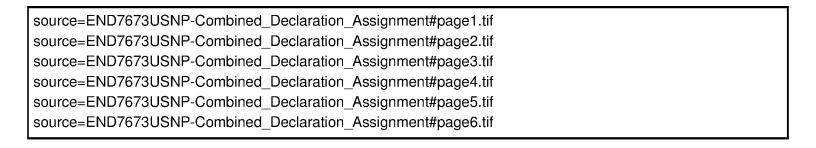
Phone: (412) 355-8303

Email: piuspatents@klgates.com
Correspondent Name: THOMAS J. EDGINGTON
Address Line 1: 210 SIXTH AVENUE
K&L GATES CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END7673USNP/150108	
NAME OF SUBMITTER:	THOMAS J. EDGINGTON	
SIGNATURE:	/Thomas J. Edgington/	
DATE SIGNED:	08/19/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6



Attorney Docket No.: END7673USNP/150108 US Application No.:14/742,900

COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: <u>ARTICULATABLE SURGICAL INSTRUMENTS WITH COMPOSITE FIRING BEAM STRUCTURES</u>
<u>WITH CENTER FIRING SUPPORT MEMBER FOR ARTICULATION SUPPORT</u>

As the below named inventor, I hereby declare that:

This declaration is directed to	: 🗌	The attached application, or
	\boxtimes	The United States application or PCT international application number <u>14/742,900</u> filed on <u>June 18, 2015</u> .
The above-identified applicat	on ("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.
	tability as d	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
I hereby acknowledge that an	y willful fal	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, transfer and set over to and/or have sold, assigned, transferred and set over to:

imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.

Ethicon Endo-Surgery, LLC 475 C Street, Suite 202 Guaynabo, 0969, Puerto Rico

a Limited Liability Company of Delaware.

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

I agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 and 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.

1 of 2

Attorney Docket No.: <u>END7673USNP/150108</u> US Application No.: <u>14/742,900</u>

I agree to 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 agree to 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, 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 the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

Chester O. Baxter, III LEGAL NAME OF INVENTOR Signature	6/29/2015 Date
ACKN	OWLEDGMENT
STATE OF OHIO } SS: COUNTY OF HAMILTON	
2016	for said County and State. Witness my hand and Notarial Seal 2015.
KARA N. TULANKO Notary Public, State of Ohio	Kara h. Sulambo Notary Public
My Commission Expires May 31, 2019	Kara N. Tulanko Printed Name
My commission expires: May 31, 2019	

Attorney Docket No.: <u>END7673USNP/150108</u> US Application No.:14/742,900

COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: ARTICULATABLE SURGICAL INSTRUMENTS WITH COMPOSITE FIRING BEAM STRUCTURES WITH CENTER FIRING SUPPORT MEMBER FOR ARTICULATION SUPPORT

As the below named inventor, I hereby declare that:		
This declaration is directed to:		The attached application, or
	\boxtimes	The United States application or PCT international application number <u>14/742,900</u> filed on <u>June 18, 2015</u> .

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.

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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, transfer and set over to and/or have sold, assigned, transferred and set over to:

Ethicon Endo-Surgery, LLC 475 C Street, Suite 202 Guaynabo, 0969, Puerto Rico

a Limited Liability Company of Delaware.

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

I agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 and 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.

1 of 2

Attorney Docket No.: <u>END7673USNP/150108</u> US Application No.: <u>14/742,900</u>

I agree to 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 agree to 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, 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 the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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	
Myshing	6-25-2015
Signature	Date
Δ CKNOW	VLEDGMENT
ACKIO	BDD GIVEAU
STATE OF OHIO	
} SS: COUNTY OF <u>HAMILTON</u> }	
COUNTY OF AMERICAN	
A almoyeledged before me a Notary Public within and for	said County and State. Witness my hand and Notarial Seal
this day of 201	-
	Lava A. Lulanlo
KARA N. TULANKO	Mara M. Succession
★ Notary Public, State of Ohio	Notary Public
My Commission Expires May 31, 2019	
A PERSON OF THE PROPERTY OF TH	Kara N. Tulanko
To the second se	Printed Name
May 31, 2019	
My commission expires:	

2 of 2

Attorney Docket No.: <u>END7673USNP/150108</u> US Application No.: <u>14/742,000</u>

COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: ARTICULATABLE SURGICAL INSTRUMENTS WITH COMPOSITE FIRING BEAM STRUCTURES WITH CENTER FIRING SUPPORT MEMBER FOR ARTICULATION SUPPORT

	A STANSBAR FOR ARTICULATION SUPPORT
As the below named inventor, I hereby declare that	
This declaration is directed to:	ttached application, or
⊠ The U	inited States application or PCT international application or 14/742,988 filed on June 18, 2015
The above-identified application ("Application") w	as made or authorized by me.
I believe that I am the original inventor or an origin	al inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the information which is material to patentability as defined in this Application in the United States of America.	ne Application, including the claims, and I acknowledge the duty to disclose Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful false statem imprisonment of not more than five (5) years, or both for fill	ent made in this declaration is punishable under 18 U.S.C. § 1001 by fine or ngs of this Application in the United States of America.
For good and valuable consideration, the sufficier and/or have sold, assigned, transferred and set over to:	icy of which is acknowledged, I hereby sell, assign, transfer and set over to
47.	on Endo-Surgery, LLC 5 C Street, Suite 202 18bo, 0969, Puerso Rico
a Limited Li	ability Company of <u>Delaware</u> .
European Patent Office and of all other countries, including them, all such inventions or discoveries and all rights in such thereof, and to all Letters Patent that may be granted for a protection certificates, reexaminations, renewals, and reissue	itle, and interest in, to, and under the Application, including all priority rights overies therein disclosed, and any and all Letters Patent of the United States, Canada, which may be granted for such inventions or discoveries, or any of a Application including any and all substitutions, divisions, and continuations aid inventions and discoveries, and in and to all extensions, supplementary as thereof, to be held and enjoyed by Assignee for its own use and enjoyment atent may be granted, as fully and entirely as the same would have been held nade.
- variety and the second of the control of the cont	tion with the Application in the United States, Patent Cooperation Treaty, any continuing, divisional, or reissue applications thereof, any reexamination or supplementary protection certificates of any such applications and also to allow as the Assignce may deem necessary or expedient.
continuation, divisional, or reissue applications thereof or	n with any litigation or any other administrative or judicial proceeding in the Office and any other foreign countries concerning the Application(s) or any any reexamination of any such applications, or any Letters Patent issued protection certificates of any such applications and to cooperate with the ing forward with such litigation or proceeding.
	1 of 2

Attorney Docket No.: END7673USNP/150108 US Application No.: 14/742,900

I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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Adam R. Danki-Jacobs LEGAL NAME OF INVENTOR	() 700 /m m
iignature	6/29/2015" Date
ACKNOW	LEDGMENT
STATE OF OHIO SS:	
COUNTY OF MATTER SS	
Acknowledged before me, a Notary Public, within and for	
as	Soli Thornton
NOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES 77.00	Notary Public Juli Thornton
	Printed Name
ty commission expires: 9-7-300	
7,	of 2