

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7450923

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ETHICON ENDO-SURGERY, INC.	12/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ETHICON ENDO-SURGERY, LLC
<b>Street Address:</b>	#475 STREET C
<b>Internal Address:</b>	LOS FRAILES INDUSTRIAL PARK
<b>City:</b>	GUAYNABO
<b>State/Country:</b>	PUERTO RICO
<b>Postal Code:</b>	00969
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17478318
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)355-6501
<i>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.</i>	
<b>Phone:</b>	4123553746
<b>Email:</b>	piuspatents@klgates.com
<b>Correspondent Name:</b>	MICHELLE L. WEAVER
<b>Address Line 1:</b>	210 SIXTH AVENUE
<b>Address Line 2:</b>	K&L GATES CENTER
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222-2613
<b>ATTORNEY DOCKET NUMBER:</b>	END5675USCNT43/050504CN43
<b>NAME OF SUBMITTER:</b>	MICHELLE L. WEAVER
<b>SIGNATURE:</b>	/Michelle L. Weaver/
<b>DATE SIGNED:</b>	07/26/2022
<b>Total Attachments: 5</b>	
source=END5675USCNT43_050504CN43_Asn-from-parent_EES_Inc-to-EES_LLC#page1.tif	
source=END5675USCNT43_050504CN43_Asn-from-parent_EES_Inc-to-EES_LLC#page2.tif	
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source=END5675USCNT43_050504CN43_Asn-from-parent_EES_Inc-to-EES_LLC#page4.tif	



**CONFIRMATORY PATENT ASSIGNMENT**

This Confirmatory Patent Assignment is between **ETHICON ENDO-SURGERY, INC.**, an Ohio Corporation having offices at 4545 Creek Road, Cincinnati, Ohio, USA 45242 (“EES Ohio”) and **ETHICON ENDO-SURGERY, LLC**, a Delaware Limited Liability Company having offices at #475 Street C, Los Frailes Industrial Park, Guaynabo, Puerto Rico, 00969, (“EES Puerto Rico”). EES Ohio and EES Puerto Rico may be referred individually as a Party and collectively as the Parties.

WHEREAS, EES Ohio provides research and development services on a non-exclusive basis using funding from EES Puerto Rico pursuant to a Research & Development Services Agreement dated December 20, 2002 (the “Services Agreement”);

WHEREAS, pursuant to Article 3.2 of the Services Agreement, all patents and other related intellectual property resulting from research programs funded by EES Puerto Rico are immediately and exclusively transferred and assigned to EES Puerto Rico as from their coming into existence or, as the case may be, as from the execution of the Services Agreement for rights already in existence as of the date thereof; and

WHEREAS, the Parties subsequently affirmed in an Acknowledgement of Rights Addendum dated June 28, 2010, that all rights to patents and other related intellectual property resulting from the research programs are owned exclusively by EES Puerto Rico.

NOW, THEREFORE, BE IT KNOWN, the Parties agree as follows:

1. The Parties hereby memorialize and acknowledge that the patents and applications listed in Schedule A (each being a “Patent” and collectively the “Patents”) resulted from research programs exclusively funded by EES Puerto Rico, and all rights to the Patents were transferred and assigned to EES Puerto Rico EES by operation of Article 3.2 of the Services Agreement.

2. In confirmation of Article 3.2 of the Services Agreement, and in consideration of the payment by EES Puerto Rico to EES Ohio of US\$1 and other good and valuable consideration (receipt of which are hereby acknowledged by EES Ohio), EES Ohio assigns and transfers unto EES Puerto Rico its entire right, title and interest in and to the inventions and discoveries disclosed in the Patents, and in and to said Patents, and all foreign and domestic applications claiming priority thereto, including all non-provisional applications, all substitutions, divisional, and continuations thereof, and in and to all letters patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, any and all choses in action and any and all claims and demands, both at law and in equity, that EES Ohio has or may have for damages or profits accrued or to accrue on account of the infringement of any of the Patents, the same to be held and enjoyed by EES Puerto Rico, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by EES Ohio if this Confirmatory Patent Assignment had not been made.

3. The assignments above have effective dates on a Patent-by-Patent basis. For Patents with a priority date before the Services Agreement, the assignment is effective as of December 20, 2002. For Patents with an earliest priority date on or after the Services Agreement, the assignment is effective as of the earliest priority date.

IN WITNESS WHEREOF, as duly authorized representatives of the Parties, the undersigned have caused this Confirmatory Patent Assignment to be duly executed effective as an enforceable contract.

**ETHICON ENDO-SURGERY, INC.**

By: *Verne E. Kreger, Jr.*

Name: Verne E. Kreger, Jr.

Title: Vice President, Patent Law

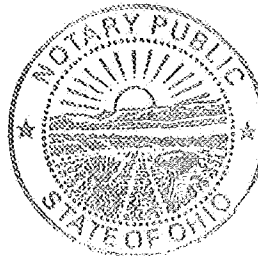
Date: DECEMBER 9 2015

WITNESSED BY )  
Name: KARA N. TULANKO )  
Address: 4545 CREEK ROAD )  
CINCINNATI, OH 45242 )  
Nationality: US )

In the presence of a Notary Public who certifies that the above signatory is authorized to execute this assignment alone and on behalf of **ETHICON ENDO-SURGERY, INC.** in order to legally bind **ETHICON ENDO-SURGERY, INC.**

*Kara N. Tulanko*

DECEMBER 9 2015



**KARA N. TULANKO**  
Notary Public, State of Ohio  
My Commission Expires  
May 31, 2019

APOSTILLE TO BE APPLIED

ETHICON ENDO-SURGERY, LLC

By: *Victor Moreno*

Name: Victor C. Moreno

Title: Assistant Secretary

Date: 09-DEC-2015

WITNESSED BY

Name: KARA N. TULANKO  
Address: 4545 CEELE ROAD  
CINCINNATI, OH 45242  
Nationality: US

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In the presence of a Notary Public who certifies that the above signatory is authorized to execute this assignment alone and on behalf of **ETHICON ENDO-SURGERY, LLC** in order to legally bind **ETHICON ENDO-SURGERY, LLC**

*Kara N. Tulanko*  
09-DEC-2015



KARA N. TULANKO  
Notary Public, State of Ohio  
My Commission Expires  
May 31, 2019

APOSTILLE TO BE APPLIED

COPY FROM PARENT APPLICATION

SCHEDULE A  
- Assigned Patents and Applications -

Docket No.	CO	Filing date	Filing number	Publication No.	Grant No.
END0908USCNT6	US	28/SEP/2015	14/867362		
END5153USCNT3	US	18/AUG/2015	14/829116		
END5315USCNT4	US	10/SEP/2015	14/850030		
END5675USCNT17	US	08/SEP/2015	14/847804		
END5675USCNT18	US	09/SEP/2015	14/848591		
END5675USCNT19	US	10/SEP/2015	14/850570		
END5773USCNT30	US	19/AUG/2015	14/830202		
END5924USCNT11	US	08/SEP/2015	14/847864		
END5924USCNT12	US	09/SEP/2015	14/848557		
END5924USCNT13	US	09/SEP/2015	14/848572		
END6089USCNT4	US	28/SEP/2015	14/867418		
END6099USCNT4	US	15/SEP/2015	14/854724		
END6217USCNT3	US	04/SEP/2015	14/845688		
END6223USCNT4	US	09/SEP/2015	14/849125		
END6223USCNT5	US	09/SEP/2015	14/849151		
END6232USCNT12	US	11/SEP/2015	14/851762		
END6269USCNT5	US	03/NOV/2015	14/930826		
END6270USCNT3	US	23/SEP/2015	14/862478		
END6270USCNT4	US	23/SEP/2015	14/862482		
END6413USCNT4	US	08/SEP/2015	14/847831		
END6413USCNT5	US	10/SEP/2015	14/850106		
END6413USCNT6	US	10/SEP/2015	14/850130		
END6455USCNT1	US	23/NOV/2015	14/948782		
END6485USCNT2	US	06/AUG/2015	14/819716		
END6641USCNT1	US	20/NOV/2015	14/947449		
END6673USDIV2	US	28/SEP/2015	14/867966		
END6694USDIV2	US	17/AUG/2015	14/827764		
END6810USDIV1	US	28/AUG/2015	14/839419		
END6843USCNT13	US	08/SEP/2015	14/847888		
END6906USDIV1	US	31/JUL/2015	14/814841		
END6919USCNT1	US	19/AUG/2015	14/830320		
END6967USCNT1	US	10/NOV/2015	14/937448		
END7002USCNT3	US	28/SEP/2015	14/867907		
END7013USCNT1	US	04/NOV/2015	14/932574		
END7023USCNT1	US	13/OCT/2015	14/881533		
END7027USCNT1	US	18/NOV/2015	14/944387		
END7042USCNT1	US	23/OCT/2015	14/921430		
END7059USDIV1	US	21/AUG/2015	14/832497		

COPY FROM PARENT APPLICATION

Docket No.	CO	Filing date	Filing number	Publication No.	Grant No.
END7070USCNT1	US	31/AUG/2015	14/840779		
END7126USCNT1	US	02/NOV/2015	14/929971		
END7143USCNT1	US	11/SEP/2015	14/851751		
END7174USCNT1	US	09/OCT/2015	14/879301		
END7207USCNT1	US	16/NOV/2015	14/942257		
END7264USCNT1	US	22/SEP/2015	14/861173		
END7283USCNT1	US	16/NOV/2015	14/941846		
END7400USCNT1	US	17/SEP/2015	14/856682		
END7443USCIP1	US	29/SEP/2015	14/868574		
END7559USCNT1	US	14/SEP/2015	14/852982		
END7752USPCT	US	11/SEP/2015	14/774708		