

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3698794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ETHICON ENDO-SURGERY, INC.	11/30/2015

RECEIVING PARTY DATA

Name:	ETHICON ENDO-SURGERY, LLC
Street Address:	#475 STREET C, LOS FRAILES INDUSTRIAL PARK
City:	GUAYNABO
State/Country:	PUERTO RICO
Postal Code:	00969

PROPERTY NUMBERS Total: 138

Property Type	Number
Application Number:	14579623
Application Number:	14689972
Application Number:	14680765
Application Number:	14579599
Application Number:	14579299
Application Number:	14789744
Application Number:	62130892
Application Number:	14734376
Application Number:	14734394
Application Number:	14734431
Application Number:	14318996
Application Number:	61980284
Application Number:	14319006
Application Number:	61980291
Application Number:	14319014
Application Number:	61980339
Application Number:	14318991
Application Number:	61980332
Application Number:	14319004
Application Number:	61980293

PATENT

Property Type	Number
Application Number:	14319008
Application Number:	61980270
Application Number:	14318997
Application Number:	61980276
Application Number:	14319002
Application Number:	61980281
Application Number:	14319013
Application Number:	61980282
Application Number:	14319016
Application Number:	61980349
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Application Number:	14474772
Application Number:	14474607
Application Number:	14474805
Application Number:	14474846
Application Number:	14474713
Application Number:	14474952
Application Number:	14474653
Application Number:	14474899
Application Number:	14553329
Application Number:	14565606
Application Number:	14489746
Application Number:	14514417
Application Number:	14514426
Application Number:	14575130
Application Number:	14575143
Application Number:	14527384
Application Number:	14527398
Application Number:	14575117
Application Number:	14535081
Application Number:	14575154
Application Number:	14574493
Application Number:	14587192
Application Number:	14516277
Application Number:	14574500
Application Number:	14475144
Application Number:	29493229
Application Number:	29493231

Property Type	Number
Application Number:	14486670
Application Number:	14314824
Application Number:	14547882
Application Number:	14297993
Application Number:	14298005
Application Number:	14298015
Application Number:	14298028
Application Number:	14304077
Application Number:	14807261
Application Number:	14498070
Application Number:	14498087
Application Number:	14498105
Application Number:	14580508
Application Number:	14498107
Application Number:	14498121
Application Number:	14498145
Application Number:	14600486
Application Number:	14298038
Application Number:	14298056
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Application Number:	14584066
Application Number:	62094244
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Property Type	Number
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Application Number:	14751306
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Application Number:	14751486
Application Number:	14751506
Application Number:	14742504

Property Type	Number
Application Number:	29515300
Application Number:	62108649
Application Number:	14788599
Application Number:	14788468

CORRESPONDENCE DATA

Fax Number: (513)337-8489

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: 513-337-3295

Email: ktulanko@its.jnj.com

Correspondent Name: BERNARD F. PLANTZ

Address Line 1: JOHNSON & JOHNSON

Address Line 2: ONE JOHNSON & JOHNSON PLAZA

Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933-7003

NAME OF SUBMITTER: KARA N. TULANKO

SIGNATURE: /Kara N. Tulanko/

DATE SIGNED: 01/15/2016

Total Attachments: 14

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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 C Street, Suite 202, Guaynabo, 0969, Puerto Rico ("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.

United States of America
State of Ohio
Office of the Secretary of State

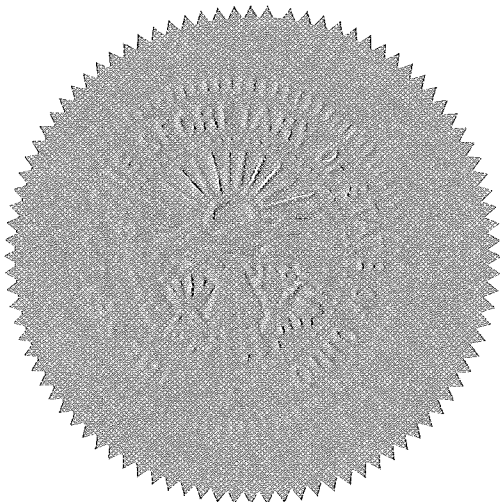
I, **JON HUSTED**, Secretary of State, do hereby certify that I am the duly elected, qualified and acting Secretary of State of the State of Ohio, and I further certify that

KARA N. TULANKO

a Notary Public who signed the attached document was commissioned as a Notary Public on March 10, 2014, the commencing date of her commission being June 1, 2014. Her commission expires on May 31, 2019.

This certification certifies only the authenticity of the signature of the official who signed the document, the capacity in which that official acted, and where appropriate, the identity of the seal or stamp, which the document bears. This certification does not imply that the contents of the document(s) are correct, nor that they have the approval of this office.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the official Seal of the Secretary of State of Ohio, at Columbus, Ohio, this 3rd day of December, 2015.



Jon Husted
Jon Husted
Secretary of State

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. Kregar Jr.
Name: VERNE E. KREGGER, JR.
Title: VICE PRESIDENT, PATENT LAW
Date: NOVEMBER 30, 2015

WITNESSED BY)
Name: KARA N. TULANKO)
Address: 4545 CREEK RD.)
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
NOVEMBER 30, 2015



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

APOSTILLE TO BE APPLIED

United States of America
State of Ohio
Office of the Secretary of State

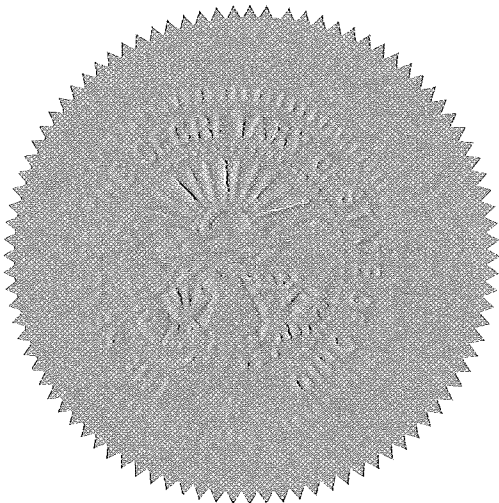
I, **JON HUSTED**, Secretary of State, do hereby certify that I am the duly elected, qualified and acting Secretary of State of the State of Ohio, and I further certify that

KARA N. TULANKO

a Notary Public who signed the attached document was commissioned as a Notary Public on March 10, 2014, the commencing date of her commission being June 1, 2014. Her commission expires on May 31, 2019.

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IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the official Seal of the Secretary of State of Ohio, at Columbus, Ohio, this 3rd day of December, 2015.



Jon Husted
Jon Husted
Secretary of State

ETHICON ENDO-SURGERY, LLC

By: *Victor Moreno*

Name: VICTOR MORENO

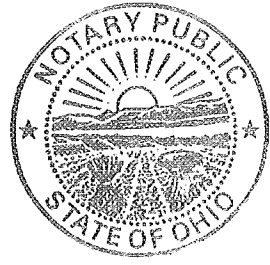
Title: ASSISTANT SECRETARY

Date: 30-NOV-2015

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

In the presence of a Notary Public who certifies that the above signatory is authorised 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
30. Nov. 2015



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

APOSTILLE TO BE APPLIED

AMENDMENT No. 1
to
CONFIRMATORY PATENT ASSIGNMENT - US

WHEREAS, **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”) entered into a Confirmatory Assignment on or about November 30, 2015 with a schedule of US patents and applications (the “Confirmatory Assignment”);

WHEREAS, the parties seek to correct and amend the address of EES Puerto Rico;

NOW, THEREFORE, BE IT KNOWN, the Parties agree to amend the Confirmatory Assignment as follows:

1. The address in the first paragraph for **ETHICON ENDO-SURGERY, LLC**, is rewritten to read as follows: #475 Street C, Los Frailes Industrial Park, Guaynabo, Puerto Rico, 00969.

The remaining terms and conditions of the Confirmatory Assignment shall remain in full force and effect.

-- Signature Pages Follow--

United States of America
State of Ohio
Office of the Secretary of State

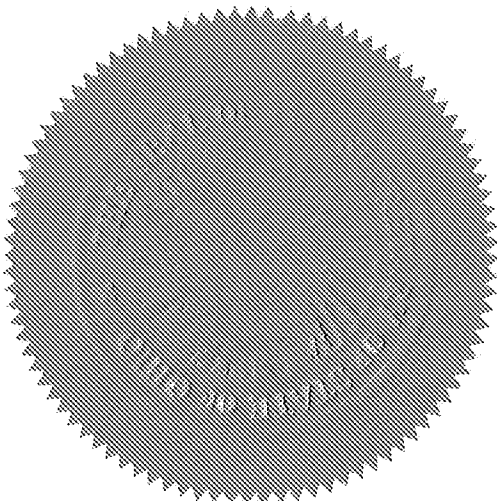
I, **JON HUSTED**, Secretary of State, do hereby certify that I am the duly elected, qualified and acting Secretary of State of the State of Ohio, and I further certify that

KARA N. TULANKO

a Notary Public who signed the attached document was commissioned as a Notary Public on March 10, 2014, the commencing date of her commission being June 1, 2014. Her commission expires on May 31, 2019.

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IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the official Seal of the Secretary of State of Ohio, at Columbus, Ohio, this 17th day of December, 2015.



Jon Husted
Jon Husted
Secretary of State

IN WITNESS WHEREOF, as duly authorized representatives of the Parties, the undersigned have caused this Amendment No. 1 to be duly executed effective as an enforceable contract.

ETHICON ENDO-SURGERY, INC.

By: *Verne E. Kreger, Jr.*

Name: Verne E. Kreger, Jr.

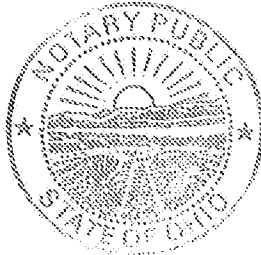
Title: Vice President, Patent Law

Date: DECEMBER 9, 2015

WITNESSED BY)
Name: Kara 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

United States of America
State of Ohio
Office of the Secretary of State

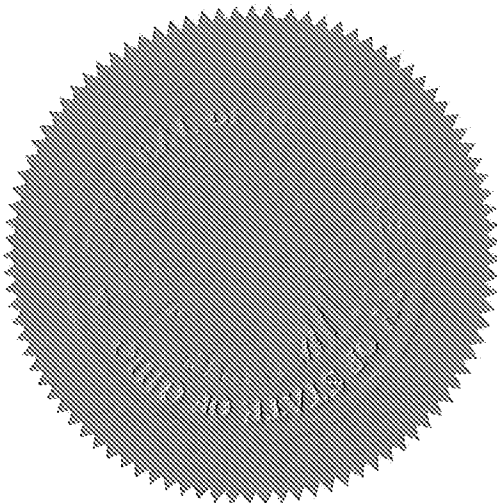
I, **JON HUSTED**, Secretary of State, do hereby certify that I am the duly elected, qualified and acting Secretary of State of the State of Ohio, and I further certify that

KARA N. TULANKO

a Notary Public who signed the attached document was commissioned as a Notary Public on March 10, 2014, the commencing date of her commission being June 1, 2014. Her commission expires on May 31, 2019.

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IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the official Seal of the Secretary of State of Ohio, at Columbus, Ohio, this 17th day of December, 2015.



Jon Husted
Jon Husted
Secretary of State

ETHICON ENDO-SURGERY, LLC

By: *Victor Moreno*

Name: Victor C. Moreno

Title: Assistant Secretary

Date: 09-DEC-2015

WITNESSED BY)
Name: Kara Tulanko)
Address: 4545 Creek Road, Cincinnati, OH 45242)
Nationality: US)

In the presence of a Notary Public who certifies that the above signatory is authorised 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

SCHEDULE A
- Assigned Patents and Applications -

Docket No.	CO	Filing date	Filing number	Publication No.	Grant No.
END7453USNP	US	22-Dec-14	14/579623		
END7454USNP	US	17-Apr-15	14/689972		
END7455USNP	US	7-Apr-15	14/680765		
END7456USNP	US	22-Dec-14	14/579599		
END7457USNP	US	22-Dec-14	14/579299		
END7458USNP	US	1-Jul-15	14/789744		
END7459USPSP	US	10-Mar-15	62/130892		
END7460USCNT1	US	9-Jun-15	14/734376		
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END7475USNP	US	2-Sep-14	14/474713		
END7476USNP	US	2-Sep-14	14/474952		
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END7506USCNT1	US	23-Dec-14	14/580508		
END7506USNP	US	26-Sep-14	14/498107		
END7507USNP	US	26-Sep-14	14/498121		
END7508USNP	US	26-Sep-14	14/498145		
END7509USCNT1	US	20-Jan-15	14/600486	US-2015-0133967-A1	
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END7509USNP1	US	6-Jun-14	14/298056		
END7509USNP2	US	6-Jun-14	14/298072		

Docket No.	CO	Filing date	Filing number	Publication No.	Grant No.
END7511USNP	US	19-Dec-14	14/576431		
END7512USNP	US	24-Mar-15	14/666475		
END7513USNP	US	1-Jun-15	14/726786		
END7513USPSP	US	6-Jun-14	62/008745		
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END7515USNP1	US	20-Jun-14	14/310270		
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END7531USNP	US	15-Dec-14	14/569961		
END7532USNP	US	19-Dec-14	14/576860		
END7534USNP	US	15-Jun-15	14/739792		
END7537USNP	US	25-Aug-14	14/467990		
END7563USNP	US	15-Oct-14	14/515129		
END7565USPSP	US	11-Sep-14	62/049056		
END7567USPSP	US	11-Sep-14	62/049089		
END7568USPSP	US	11-Sep-14	62/049100		
END7570USPSP	US	11-Sep-14	62/049128		
END7572USPSP	US	18-Sep-14	62/052038		

Docket No.	CO	Filing date	Filing number	Publication No.	Grant No.
END7573USPSP	US	18-Sep-14	62/052043		
END7574USPSP	US	18-Sep-14	62/052059		
END7575USPSP	US	18-Sep-14	62/052074		
END7577USNP	US	25-Nov-14	14/553142		
END7578USNP	US	25-Nov-14	14/553378		
END7579USNP	US	26-Jun-15	14/751215		
END7580USNP	US	26-Jun-15	14/751231		
END7581USNP	US	26-Jun-15	14/751247		
END7582USNP	US	26-Jun-15	14/751277		
END7583USNP	US	26-Jun-15	14/751306		
END7584USNP	US	26-Jun-15	14/751517		
END7585USNP	US	26-Jun-15	14/751406		
END7586USNP	US	26-Jun-15	14/751426		
END7587USNP	US	26-Jun-15	14/751486		
END7588USNP	US	26-Jun-15	14/751506		
END7589USNP	US	17-Jun-15	14/742504		
END7607USDP	US	21-Jan-15	29/515300		
END7608USPSP	US	28-Jan-15	62/108649		
END7612USNP	US	30-Jun-15	14/788599		
END7613USNP	US	30-Jun-15	14/788468		