

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4648138

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAFAEL J. RUIZ ORTIZ	09/12/2017
CRAIG T. DAVIS	09/14/2017
STEPHEN M. LEUCK	09/14/2017
BENJAMIN M. BOYD	09/19/2017
JOSEPH DENNIS	09/19/2017
JOSEPH E. HOLLO	10/09/2017
NATHAN CUMMINGS	09/14/2017
ION V. NICOLAESCU	09/13/2017
MARK E. TEBBE	09/12/2017
TONY C. SIEBEL	09/13/2017
JOSEPH ISOSAKI	09/19/2017
FREDERICK L. ESTERA	09/19/2017
ELLEN GENTRY	09/19/2017
JOHN E. BRADY	09/12/2017
BRYCE L. HEITMAN	09/13/2017
CORY G. KIMBALL	09/14/2017

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:	15644930

CORRESPONDENCE DATA

Fax Number: (513)651-6981

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

PATENT

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 513-651-6800
Email: jdewar@fbtlaw.com
Correspondent Name: ANDREW B. ULMER
Address Line 1: 301 EAST FOURTH STREET
Address Line 2: 3300 GREAT AMERICAN TOWER
Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	END8152USNP.0643914
NAME OF SUBMITTER:	ANDREW B. ULMER
SIGNATURE:	/Andrew B. Ulmer/
DATE SIGNED:	10/19/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 32

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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ACOUSTIC DRIVETRAIN WITH EXTERNAL COLLAR AT NODAL POSITION

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 15/644,930 filed on July 10, 2017.

Declaration

As the below named inventor, I hereby declare that:

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I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.

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Assignment

Ethicon LLC
#475 Street C, Suite 401
Los Frailes Industrial Park
Guaynabo, PR 00969
a Limited Liability Company of Delaware.

(hereinafter designated as the "Assignee"),

I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

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

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, 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 provisionals, 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 me had this assignment and sale not been made.

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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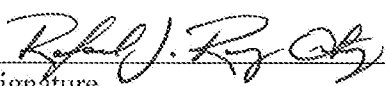
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I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee 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.

Rafael J. Ruiz Ortiz
LEGAL NAME OF INVENTOR


Signature

09/12/2017
Date

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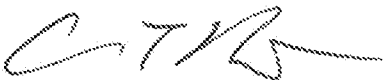
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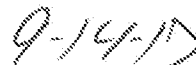
I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Craig T. Davis

LEGAL NAME OF INVENTOR



Signature



Date

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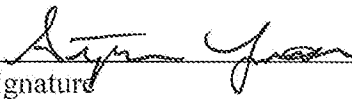
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I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Stephen M. Leuck
LEGAL NAME OF INVENTOR


Signature

9-14-2017
Date

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Benjamin M. Boyd
LEGAL NAME OF INVENTOR


Signature

9-11-2017
Date

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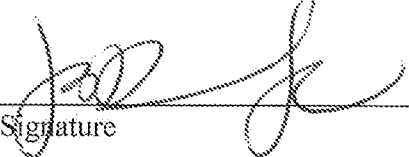
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Joseph Dennis

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my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, 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 provisionals, 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 me had this assignment and sale not been made.

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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.

Joseph E. Hollo

LEGAL NAME OF INVENTOR


Signature

Oct. 9th, 2017
Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ACOUSTIC DRIVETRAIN WITH EXTERNAL COLLAR AT NODAL POSITION

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 15/644,930 filed on July 10, 2017.

Declaration

As the below named inventor, I hereby declare that:

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Assignment

Ethicon LLC
#475 Street C, Suite 401
Los Frailes Industrial Park
Guaynabo, PR 00969
a Limited Liability Company of Delaware.

(hereinafter designated as the "Assignee"),

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Nathan Cummings
LEGAL NAME OF INVENTOR


Signature

9-14-2017
Date

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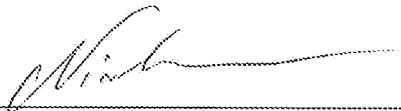
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Ion V. Nicolaescu
LEGAL NAME OF INVENTOR


Signature

9/13/2017
Date

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Mark E. Tebbe
LEGAL NAME OF INVENTOR

Mark E. Tebbe
Signature

9/12/2017
Date

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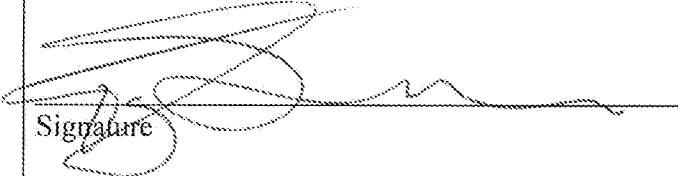
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Tony C. Siebel
LEGAL NAME OF INVENTOR


Signature

9/13/17
Date

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Joseph Isosaki

LEGAL NAME OF INVENTOR

Joseph Isosaki
Signature

9/19/2017
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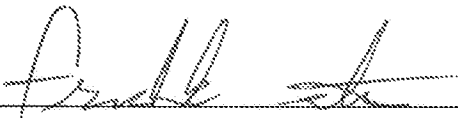
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.

Assignment

Ethicon LLC
#475 Street C, Suite 401
Los Frailes Industrial Park
Guaynabo, PR 00969
a Limited Liability Company of Delaware.

(hereinafter designated as the "Assignee"),

I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

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

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, 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 provisionals, 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 me had this assignment and sale not been made.

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.

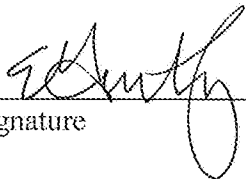
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I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee 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.

Ellen Gentry
LEGAL NAME OF INVENTOR


Signature

09/19/17
Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ACOUSTIC DRIVETRAIN WITH EXTERNAL COLLAR AT NODAL POSITION

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 15/644,930 filed on July 10, 2017.

Declaration

As the below named inventor, I hereby declare that:

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John E. Brady
LEGAL NAME OF INVENTOR

John Brady
Signature

9-12-2017
Date

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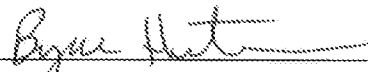
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Bryce L. Heitman
LEGAL NAME OF INVENTOR


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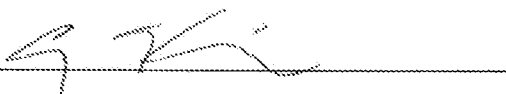
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Cory G. Kimball
LEGAL NAME OF INVENTOR

Signature



Date

