

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| GEOFFREY S. STROBL | 04/09/2015 |
| DAVID C. YATES | 04/09/2015 |
| RECEIVING PARTY DATA | |
| Name: | ETHICON ENDO-SURGERY, LLC |
| Street Address: | 475 C STREET, SUITE 202 |
| City: | GUAYNABO |
| State/Country: | PUERTO RICO |
| Postal Code: | 0969 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14660627 |
| CORRESPONDENCE DATA | |
| Fax Number: | (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> | |
| Phone: | (412) 355-6798 |
| Email: | piuspatents@klgates.com |
| Correspondent Name: | CHRISTOPHER G. WOLFE |
| Address Line 1: | 210 SIXTH AVENUE |
| Address Line 2: | K&L GATES CENTER |
| Address Line 4: | PITTSBURGH, PENNSYLVANIA 15222-2613 |
| ATTORNEY DOCKET NUMBER: | END7519USNP1/140424-1 |
| NAME OF SUBMITTER: | CHRISTOPHER G. WOLFE |
| SIGNATURE: | /Christopher G. Wolfe/ |
| DATE SIGNED: | 05/13/2015 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 4 | |
| source=signed_Combined_Declarations_and_Assignments#page1.tif | |
| source=signed_Combined_Declarations_and_Assignments#page2.tif | |
| source=signed_Combined_Declarations_and_Assignments#page3.tif | |

COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: MANAGING TISSUE TREATMENT

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or
 The United States application or PCT international application
number 14/660,627 filed on March 17, 2015.

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.

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475 C Street, Suite 202
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(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.

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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.

