503900775 07/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3947427

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER J. HESS	06/16/2016
FREDERICK E. SHELTON IV	05/11/2016
JEROME R. MORGAN	05/27/2016
RYAN A. BLEDSOE	06/23/2016
DOUGLAS E. WITHERS	06/24/2016
CRAIG T. GATES	06/24/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15088723

CORRESPONDENCE DATA

Fax Number:

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.

Email: docket@nutter.com

Correspondent Name: NUTTER MCCLENNEN & FISH LLP

Address Line 1: 155 SEAPORT BOULEVARD

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	100873-737
NAME OF SUBMITTER:	RORY P. PHEIFFER
SIGNATURE:	/Rory P. Pheiffer/
DATE SIGNED:	07/05/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 039073 FRAME: 0217

503900775

Total Attachments: 12 source=737Combined_Declaration_Assignment#page1.tif source=737Combined_Declaration_Assignment#page2.tif source=737Combined_Declaration_Assignment#page3.tif source=737Combined_Declaration_Assignment#page4.tif source=737Combined_Declaration_Assignment#page5.tif source=737Combined_Declaration_Assignment#page6.tif source=737Combined_Declaration_Assignment#page7.tif source=737Combined_Declaration_Assignment#page8.tif source=737Combined_Declaration_Assignment#page9.tif source=737Combined_Declaration_Assignment#page10.tif source=737Combined_Declaration_Assignment#page11.tif source=737Combined_Declaration_Assignment#page12.tif

PATENT REEL: 039073 FRAME: 0218

2015		DECLARATION AND ACCIONATINE
COM	BINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL ACC	ESS DEV	/ICES WITH INTEGRATED WOUND CLOSURE FEATURES
This declaration and assignment is directed	to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number <u>15/088,723</u> filed on <u>April 1, 2016</u> .
Declaration		
As the below named inventor, I he	reby dec	lare that:
The above-identified application ("Applica	tion") was made or authorized by me.
I believe that I am the original inv	entor or a	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood t information which is material to patentabil this Application in the United States of An	lity as de	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
		e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.
Assignment		Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Lir	mited Liability Company of <u>Delaware</u> .
	(her	einafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable considera assigned and transferred to Assignee:	ition, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application States, European Patent Office and of all such inventions or discoveries and all ricontinuations thereof, and to all Letters Paragraphical Protection Certificates, reexamplementary protection certificates, reexample.	on, all involute on, all involute on the country in	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and it may be granted for said inventions and discoveries, and in and to all extensions, as, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would tent and sale not been made.
		Page 1 of 2

PATENT REEL: 039073 FRAME: 0219

Attorney Docket No.: <u>100873-737 (END7912USNP)</u>

US Application No.: <u>15/088,723</u>

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.

I shall 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 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.

LEGAL NAME OF INVENTOR: Christopher J. Hess

Signature

3143703.1

		Corpproduction 100. <u>15/001/25</u>
CC)MBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL A	CCESS DE	VICES WITH INTEGRATED WOUND CLOSURE FEATURES
This declaration and assignment is dire	ected to:	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 15/088,723 filed on April 1, 2016.
Declaration		
As the below named inventor,	, I hereby dec	clare that:
The above-identified applicat	ion ("Applica	ation") was made or authorized by me.
I believe that I am the origina	l inventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and underston information which is material to pater this Application in the United States o	ntability as de	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that an imprisonment of not more than five (5)	y willful fals) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the three
Assignment		Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a L	imited Liability Company of <u>Delaware</u> .
	(he	reinafter designated as the "Assignee"),
I hereby acknowledge that I liwhich is hereby conformed for records	nave assigned tion in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable cons assigned and transferred to Assignee:	ideration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Appli States, European Patent Office and o such inventions or discoveries and continuations thereof, and to all Lette supplementary protection certificates,	ication, all in of all other co- all rights in ers Patent th reexamination for or terms	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United puntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
		Page 1 of 2

Attorney Docket No.: <u>100873-737 (END7912USNP)</u>

US Application No.: <u>15/088,723</u>

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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.

LEGAL NAI	ME OF INVENTOR: Frederick E. Shelton, IV	5/11/14	
Signature		Date	

3143705.1

C	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL	ACCESS DE	VICES WITH INTEGRATED WOUND CLOSURE FEATURES
This declaration and assignment is di	irected to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number 15/088,723 filed on April 1, 2016.
Declaration		
As the below named invento	or, I hereby dec	plare that:
The above-identified applic	ation ("Applica	ation") was made or authorized by me.
I believe that I am the origin	nal inventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and undersinformation which is material to pat this Application in the United States	entability as de	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that imprisonment of not more than five (any willful fals (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this Application in the United States of America.
Assignment		Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
		imited Liability Company of <u>Delaware</u> .
	`	reinafter designated as the "Assignee"),
☐ I hereby acknowledge that which is hereby conformed for recor	I have assigned dation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable co assigned and transferred to Assignee		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the App States, European Patent Office and such inventions or discoveries and continuations thereof, and to all Le supplementary protection certificates	plication, all in of all other co I all rights in tters Patent th s, reexaminatio term or terms	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United puntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
		Page 1 of 2

Attorney Docket No.: 100873-737 (END7912USNP)

US Application No.: 15/088,723

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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I shall 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 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.

Signature Date

3143706.1

COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL ACCESS D	EVICES WITH INTEGRATED WOUND CLOSURE FEATURES
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 15/088,723 filed on April 1, 2016.
Declaration	
As the below named inventor, I hereby d	leclare that:
The above-identified application ("Appli	ication") was made or authorized by me.
I believe that I am the original inventor of	or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the consinformation which is material to patentability as this Application in the United States of America.	ntents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful f imprisonment of not more than five (5) years, or l	alse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this Application in the United States of America.
Assignment	Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
а	Limited Liability Company of <u>Delaware</u> .
(1	hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assign which is hereby conformed for recordation in the	ned the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, assigned and transferred to Assignee:	the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all States, European Patent Office and of all other such inventions or discoveries and all rights continuations thereof, and to all Letters Patent supplementary protection certificates, reexaminar	er the Application, including all priority rights for other countries arising therefrom and inventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all in such Application including any and all provisionals, substitutions, divisions, and that may be granted for said inventions and discoveries, and in and to all extensions, tions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use as for which such Letters Patent may be granted, as fully and entirely as the same would mment and sale not been made.
	Page 1 of 2

Attorney Docket No.: <u>100873-737 (END7912USNP)</u>

US Application No.: <u>15/088,723</u>

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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.

LEGAL NAME OF INVENTOR: Ryan A. Bledsoe

Signature

 $\frac{6/23/16}{\text{Date}}$

Attorney Docket No.: 100873-737 (END7912USNP)
US Application No.: 15/088,723

CO	MBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL A	CCESS DEV	VICES WITH INTEGRATED WOUND CLOSURE FEATURES
This declaration and assignment is direc	eted to:	
		The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number 15/088,723 filed on April 1, 2016.
Declaration		
As the below named inventor,	I hereby dec	clare that:
The above-identified application	on ("Applica	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.
I have reviewed and understoon information which is material to patent this Application in the United States of	ability as de	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any imprisonment of not more than five (5)	willful fals	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this Application in the United States of America.
Assignment		Ethicon Endo-Surgery, LLC #475 Street C Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
	a Li	imited Liability Company of <u>Delaware</u> .
	(her	reinafter designated as the "Assignee"),
I hereby acknowledge that I has which is hereby conformed for recordat	ave assigned ion in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable considers assigned and transferred to Assignee:	deration, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applic States, European Patent Office and of such inventions or discoveries and a continuations thereof, and to all Letter supplementary protection certificates, re-	eation, all in all other could rights in respect that the eexamination or terms	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United buntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ans, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
		Page 1 of 2

PATENT REEL: 039073 FRAME: 0227

Attorney Docket No.: 100873-737 (END7912USNP)

US Application No.: <u>15/088,723</u>

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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.

LEGAL NAME OF INVENTOR: Douglas E. Withers

Signature

6/24/16

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SURGICAL AC	CESS DE	VICES WITH INTEGRATED WOUND CLOSURE FEATURES
This declaration and assignment is directed	ed to:	
		The attached or filed herewith application of (list of named inventors),
•	or	•
	\boxtimes	The United States application or PCT international application number 15/088,723 filed on April 1, 2016.
Declaration		
As the below named inventor, I	nereby dec	clare that:
The above-identified application	("Applica	ation") was made or authorized by me.
I believe that I am the original in	ventor or	an original inventor of a claimed invention or discovery in the Application.
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I hereby acknowledge that any imprisonment of not more than five (5) years.	willful falsears, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
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	a I :	imited Liability Company of <u>Delaware</u> .
		reinafter designated as the "Assignee"),
I hereby acknowledge that I have which is hereby conformed for recordation	ve assigne	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
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For good and valuable consident assigned and transferred to Assignee:	ration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applica States, European Patent Office and of a such inventions or discoveries and all continuations thereof, and to all Letters	tion, all in all other concepts in Patent the examination or terms	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
		Page 1 of 2

PATENT

REEL: 039073 FRAME: 0229

Attorney Docket No.: 100873-737 (END7912USNP)

US Application No.: <u>15/088,723</u>

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LEGAL NAME OF INVENTOR: Craig T. Gates

Signature

Doto

6/24/16