## 507573993 11/01/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7620882

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FREDERICK E. SHELTON IV	01/16/2020
MARK D. OVERMYER	01/23/2020
DAVID C. YATES	01/07/2020
JASON L. HARRIS	01/13/2020

## **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:	17588868

## **CORRESPONDENCE DATA**

**Fax Number:** (412)355-6501

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.

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K&L GATES CENTER

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ATTORNEY DOCKET NUMBER: END7794USCNT1/150508CON1	
NAME OF SUBMITTER:	ERIC J. YURINKO
SIGNATURE:	/ERIC J. YURINKO/
DATE SIGNED:	11/01/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 061609 FRAME: 0712

507573993

## **Total Attachments: 8**

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Attorney Docket No.: END7794USDIV1/150508DIV] US Application No.: 16/567,469 COMBINED DECLARATION AND ASSIGNMENT Title of Invention: MECHANISMS FOR COMPENSATING FOR DRIVETRAIN FAILURE IN POWERED SURGICAL INSTRUMENTS This declaration and assignment is directed to: The attached or filed here with application of (list of named inventors) or  $\boxtimes$ The United States application or PCT international application number 16/567,469 filed on September 11, 2019. Declaration As the below named inventor, I hereby declare that: 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 fillings 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. Assignment Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 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: 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.

Page 1 of 2

Attorney Docket No.: END7794USDIVI/150508DIVI

US Application No.: <u>16/567,469</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 mominees, 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.

Frederick E. Shelton, IV

LEGAL NAME OF INVENTOR

Signature

1/16/2620

Page 2 of 2

Attorney Docket No.: END7794USDIV1/150508DIV US Application No.: 16/567,469 COMBINED DECLARATION AND ASSIGNMENT Title of Invention: MECHANISMS FOR COMPENSATING FOR DRIVETRAIN FAILURE IN POWERED SURGICAL INSTRUMENTS 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 16/567,469 filed on September 11, 2019. Declaration As the below named inventor, I hereby declare that: 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. Assignment Ethicon LLC #475 Sweet C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 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; 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. Page 1 of 2

Attorney Docket No.: END7794USDIV1/150508DIV1

US Application No.: <u>16/567,469</u>

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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.

Mark D. Overmyer

LEGAL NAME OF INVENTOR

Signature

Dafe

lan 23, 2020

Page 2 of 2

Attorney Docket No.: END7794USDIV1/150508DIV1

US Application No.: 16/567,469

	e tyley		1011 110.1 10/307.409
	COMBINED	DECLARATION AND ASSIGNMENT	
Title of Invention:	MECHANISMS FOR CO	OMPENSATING FOR DRIVETRAIN FAILURE IN POWERE	ED SURGICAL
This declaration and ass	signment is directed to:	20 (1997)	
		The attached or filed herewith application of (list of named inver	itors)
in the state of th			
		The United States application or PCT international application number 16/567,469 filed on September 11, 2019.	
Declaration	526 1.02 1.02 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03	- 基本 - 大田 (本本) - 株 - 「現まる」「一 「「西田(日本)」(中国)	
As the below i	named inventor, I hereby dec	clare that:	
The above-ide	ntified application ("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 App	lication.
information which is n		ents of the Application, including the claims, and I acknowledge efined in Title 37, the United States Code of Federal Regulations,	
		se statement made in this declaration is punishable under 18 U.S. of the for filings of this Application in the United States of America.	C. § 1001 by fine or
Assignment			
		Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969	
	al	imited Liability Company of <u>Delaware.</u>	
	(he	reinafter designated as the "Assignee"),	
		d the above-identified invention by previous assignment (attached IS Patent Office and I confirm I have and do assign and transfer:	hereto) to Assignee
<b>or</b>			
For good and assigned and transferre	valuable consideration, the document of the valuable consideration to	ne sufficiency of which is acknowledged, I hereby assign and t	transfer and/or have
the right to claim prior States, European Pate such inventions or di continuations thereof, supplementary protects and enjoyment to the f	ity to the Application, all it not Office and of all other or scoveries and all rights in and to all Letters Patent the concernificates, recommendate all end of the term or terms	r the Application, including all priority rights for other countries an eventions or discoveries therein disclosed, and any and all Letters countries, which may be granted for such inventions or discoveries a such Application including any and all provisionals, substituted that may be granted for said inventions and discoveries, and in a cons, renewals, and reissues thereof, to be held and enjoyed by Assis for which such Letters Patent may be granted, as fully and entirely ment and sale not been made.	Patent of the United s, or any of them, all tions, divisions, and nd to all extensions, ignee for its own use
· And			
		Page 1 of 2	

Attorney Docket No.: END7794USDIV1/150508DIV1

US Application No.: <u>16/567.469</u>

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David C. Yates

LEGAL NAME OF INVENTOR

Signature

07 JAN 2020

Date

Page 2 of 2

Attorney Docket No.: END7794USDIV1/150508DIV1 US Application No.: 16/567,469 COMBINED DECLARATION AND ASSIGNMENT Title of Invention: MECHANISMS FOR COMPENSATING FOR DRIVETRAIN FAILURE IN POWERED SURGICAL INSTRUMENTS This declaration and assignment is directed to: П The attached or filed herewith application of (list of named inventors) or X The United States application or PCT international application number 16/567,469 filed on September 11, 2019. Declaration As the below named inventor, I hereby declare that: 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. Assignment Ethicon LLC #475 Street C. Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 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. 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.

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Jason L. Harris
LEGAL NAME OF INVENTOR

June 4 Mining Signature

1/13/2020

Date

Page 2 of 2