506219117 08/25/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6265860

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID C. YATES	07/10/2020
FREDERICK E. SHELTON IV	07/13/2020
MARK D. OVERMYER	07/10/2020
SHANE R. ADAMS	07/10/2020
JASON L. HARRIS	07/15/2020

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:	16731281

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.

Phone: (412) 355-3746

Email: piuspatents@klgates.com MICHELLE L. WEAVER **Correspondent Name:** Address Line 1: 210 SIXTH AVENUE Address Line 2: **K&L GATES CENTER**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END7660USCNT2/150095CON2
NAME OF SUBMITTER:	MICHELLE L. WEAVER
SIGNATURE:	/Michelle L. Weaver/
DATE SIGNED:	08/25/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

REEL: 053585 FRAME: 0089 506219117

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Total Attachments: 10 source=Yates_SIGNED#page1.tif source=Yates_SIGNED#page2.tif source=Shelton_SIGNED#page1.tif source=Shelton_SIGNED#page2.tif source=Overmyer_SIGNED#page1.tif

source=Overmyer_SIGNED#page2.tif source=Adams_SIGNED#page1.tif

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source=Harris_SIGNED#page1.tif

source=Harris_SIGNED#page2.tif

PATENT REEL: 053585 FRAME: 0090

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>SURGICAL STAPLER HA</u> This declaration and assignment is directed to:	VING DOWNSTREAM CURRENT-BASED MOTOR CONTROL
	The attached or filed herewith application of (list of named inventors),
or	
\boxtimes	The United States application or PCT international application number <u>16/731,281</u> filed on <u>December 31, 2019</u> .
Declaration	
As the below named inventor, I hereby decl	lare that:
The above-identified application ("Application of the above-identified application of the above-identi	tion") was made or authorized by me.
I believe that I am the original inventor or a	an original inventor of a claimed invention or discovery in the Application.
	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 LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969 oration of the state or country of <u>Delaware</u>
•	einafter designated as the "Assignee"),
☐ I hereby acknowledge that I have assigned	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 consideration, the assigned and transferred to Assignee, such assignme	sufficiency of which is acknowledged, I hereby assign and transfer and/or have nt being made effective as of <u>September 23, 2015</u> :
the right to claim priority to the Application, all inv States, European Patent Office and of all other cou such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent tha supplementary protection certificates, reexamination	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 antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t 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 ent and sale not been made.

1

306500484 v1

US Application No.: <u>16/731,281</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.

Downed by: David (, Vates	/	7/10/2020	
David C. Yates		Date	

Attorney Docket No.: $\frac{END7660USCNT2/150095CON2}{US\ Application\ No.:\ \underline{16/731,281}}$

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL STAPLER HA This declaration and assignment is directed to:	VING DOWNSTREAM CURRENT-BASED MOTOR CONTROL
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number <u>16/731,281</u> filed on <u>December 31, 2019</u> .
Declaration	
As the below named inventor, I hereby decl	are that:
The above-identified application ("Applicat	ion") was made or authorized by me.
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
	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 n 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 corpo	ration of the state or country of <u>Delaware</u>
(here	einafter designated as the "Assignee"),
	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the assigned and transferred to Assignee, such assignment	sufficiency of which is acknowledged, I hereby assign and transfer and/or have nt being made effective as of <u>September 23, 2015</u> :
the right to claim priority to the Application, all inv States, European Patent Office and of all other cou such inventions or discoveries and all rights in a continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	he Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t may be granted for said inventions and discoveries, and in and to all extensions, is, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.

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306500491 v1

US Application No.: <u>16/731,281</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.

Docusigned by: / Frederick E. Shulton, IV	/	7/13/2020
Frederick E. Shelton, IV	_	Date

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: SURGICAL STAPLER HA This declaration and assignment is directed to:	VING DOWNSTREAM CURRENT-BASED MOTOR CONTROL	
	The attached or filed herewith application of (list of named inventors),	
or		
	The United States application or PCT international application number <u>16/731,281</u> filed on <u>December 31, 2019</u> .	
Declaration		
As the below named inventor, I hereby decl	are that:	
The above-identified application ("Applicat	ion") was made or authorized by me.	
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.	
	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 a 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 corpo	ration of the state or country of <u>Delaware</u>	
(here	einafter designated as the "Assignee"),	
	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:	
or		
For good and valuable consideration, the assigned and transferred to Assignee, such assignment	sufficiency of which is acknowledged, I hereby assign and transfer and/or have nt being made effective as of <u>September 23, 2015</u> :	
the right to claim priority to the Application, all inv States, European Patent Office and of all other cou such inventions or discoveries and all rights in s continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	he Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United intries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t 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 or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.	

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306500499 v1

US Application No.: <u>16/731,281</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.

Mark D. Ourmur	/	7/10/2020
Mark D. Overmyer	_	Date

Attorney Docket No.: $\frac{END7660USCNT2/150095CON2}{US\ Application\ No.:\ \underline{16/731,281}}$

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: SURGICAL STAPLER HA This declaration and assignment is directed to:	VING DOWNSTREAM CURRENT-BASED MOTOR CONTROL
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or	
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As the below named inventor, I hereby decl	are that:
The above-identified application ("Applicat	ion") was made or authorized by me.
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
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	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
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For good and valuable consideration, the assigned and transferred to Assignee, such assignment	sufficiency of which is acknowledged, I hereby assign and transfer and/or have nt being made effective as of <u>September 23, 2015</u> :
the right to claim priority to the Application, all inv States, European Patent Office and of all other cou such inventions or discoveries and all rights in a continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United entries, 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, s, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.

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306500501 v1

US Application No.: <u>16/731,281</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.

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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.

Docusigned by: / Share K. Adams	7,	/10/2020
9958D02B397A454 Shane R. Adams	Date	:

PATENT

Attorney Docket No.: $\frac{END7660USCNT2/150095CON2}{US\ Application\ No.:\ \underline{16/731,281}}$

COMBINED	DECLARATION AND ASSIGNMENT		
Title of Invention: SURGICAL STAPLER HATTHEE This declaration and assignment is directed to:	VING DOWNSTREAM CURRENT-BASED MOTOR CONTROL		
	The attached or filed herewith application of (list of named inventors),		
or			
	The United States application or PCT international application number <u>16/731,281</u> filed on <u>December 31, 2019</u> .		
Declaration			
As the below named inventor, I hereby dec	lare that:		
The above-identified application ("Applica	tion") was made or authorized by me.		
I believe that I am the original inventor or a	an original inventor of a claimed invention or discovery in the Application.		
	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 LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969		
A corpo	oration of the state or country of <u>Delaware</u>		
(hereinafter designated as the "Assignee"),			
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the US	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:		
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For good and valuable consideration, the assigned and transferred to Assignee, such assignme	sufficiency of which is acknowledged, I hereby assign and transfer and/or have not being made effective as of <u>September 23, 2015</u> :		
the right to claim priority to the Application, all inv States, European Patent Office and of all other consuch inventions or discoveries and all rights in continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	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 antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and t 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.		

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306500504 v1

US Application No.: <u>16/731,281</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.

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/ Jason 1. Harris	/	7/15/2020
F76ABA0791314BC Jason L. Harris	_	Date

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PATENT