

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7834820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANIL K. NALAGATLA	04/15/2020
BRIAN F. DINARDO	04/14/2020
CHESTER O. BAXTER III	04/06/2020
JEFFREY S. SWAYZE	04/14/2020
FREDERICK E. SHELTON IV	04/14/2020
JEROME R. MORGAN	04/06/2020
JASON L. HARRIS	04/14/2020
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:	17838592
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:	4123558334
Email:	piuspatents@klgates.com
Correspondent Name:	CAMERON P. THORNTON
Address Line 1:	210 SIXTH AVENUE
Address Line 2:	K&L GATES CENTER
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222-2613
ATTORNEY DOCKET NUMBER:	END7684USCNT5/150124CON5
NAME OF SUBMITTER:	/CAMERON P. THORNTON/
SIGNATURE:	/Cameron P. Thornton/

PATENT

DATE SIGNED:	03/08/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 14 source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page1.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page2.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page3.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page4.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page5.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page6.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page7.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page8.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page9.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page10.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page11.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page12.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page13.tif source=END7684USCNT5_150124CON5_ComboDecAsn_from_Parent#page14.tif	

COPY FROM PARENT APPLICATION

Attorney Docket No.: END7684USCNT1/150124CON1

US Application No.: 16/156,161

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASSEMBLY COMPRISING VARIOUS TISSUE COMPRESSION GAPS AND STAPLE FORMING GAPS

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 16/156,161 filed on October 10, 2018.

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:

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.

COPY FROM PARENT APPLICATION

Attorney Docket No.: END7684USCNT1/150124CON1
US Application No.: 16/156,161

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.

Anil K. Nalagatta
LEGAL NAME OF INVENTOR

Anil Nalagatta
Signature

4/15/2020
Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASSEMBLY COMPRISING VARIOUS TISSUE COMPRESSION GAPS AND STAPLE FORMING GAPS

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(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.

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.

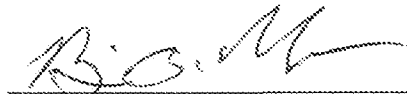
I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries,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

Brian F. DiNardo

LEGAL NAME OF INVENTOR



Signature

4/14/2020

Date

COPY FROM PARENT APPLICATION

Reference Number: 062921-01-00000000
US Application No. 10/100,000

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASSEMBLY COMPRISING A BUSHED TISSUE COMPRESSION CAPS AND STAPLE FORMING CAPS

This declaration and assignment is drawn as to:

- ☐ The attached or filed herewith application of full or partial invention
- or
- ☒ The instant Patent application of U.S. provisional application
Number 10/100,000 filed on October 18, 2001

Declaration

As the below named inventor, I hereby declare that:

The above identified invention ("Apparatus") was made or invented by me.

I declare that I am the original inventor or assigned inventor of a claimed invention as shown in the Application.

I have executed and intended 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 35, and United States Code of Federal Regulations, 21.25, for filing of this Application in the United States of America.

I hereby acknowledge that any and all prior patents made in this declaration as possible under 35 U.S.C. § 102(b) in line or continuations of or more than five (5) years, on both the filing of this Application in the United States of America.

Assignment

Edison LLC
8000 West 1st Avenue
San Diego, California 92121
(619) 594-0000

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 designated for recording in the US Patent Office and I declare I have made an assignment of interest.

- or
- ☒ The good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer with all laws appertaining and incident to Assignee.

my entire right, title, and interest in, to, and under the Application, including all present rights, for which no money or other consideration will be paid, including present or future inventions, all assignments or assignments therein disclosed, and any and all Letters Patent of the United States, Foreign Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such assignments or inventions and all rights in such Application, including any and all improvements, subdivisions, divisions, and continuations thereof, and all Letters Patent that may be granted for such inventions and discoveries, and in and to all inventions, improvements, subdivisions, continuations, divisions, and continuations thereof, as well as all and every right, title, and interest in the full and complete right of the invention or inventions 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 transfer been made.

Abstract

I shall personally ensure conformity of our work with such legislation and any other actions proceeding in the United States of America, or in any administrative proceeding in the United States District and Southern District, Tennessee, Federal Office, or any other office or under the Federal Government, through concerning the requirements of any administrative arrangement, or through application based on any presentation of our work applications, or any Federal Bureau action involving or any future work presentation or experimentally presented information of any work applications and to cooperate with the Congress in every way possible in obtaining enactment and going forward with such legislation or presentation.

* Such receipt of interest and dividends may, in fact, not be subject to taxation in accordance with certain provisions of the Internal Revenue Code for production of industrial property or similar arrangements.

¹ Indeed, as the 1990s drew to a close, the concept of "foreignness" may be necessary to describe a group like that of "Latinas/os" living in the community in the United States. In the Chicago Puerto Rican Center and in all other community centers throughout this country, we have had numerous conversations in which we discussed with non-Latinas/os and others in which there are shared experiences by Latinas/os and in which we identified as "foreigners." In addition, the fact that we, as Latinas/os, have experienced that we are not "born here" is also a reality.

[illegible]

Finally, given the nature of mixed methods to involve both qualitative and quantitative research, which may be necessary to identify the most effective interventions for the population, it is important to ensure that the research is conducted in a way that is sensitive to the needs of the population.

325 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

100

COMBINED DECLARATION AND ASSIGNMENT**Title of Invention:** STAPLE CARTRIDGE ASSEMBLY COMPRISING VARIOUS TISSUE COMPRESSION GAPS AND STAPLE FORMING GAPS

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 16/156,161 filed on October 10, 2018.

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:

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.

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.

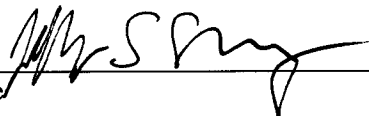
I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that 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.

Jeffrey S. Swayze

LEGAL NAME OF INVENTOR

Signature



Date

14-Apr-2020

COMBINED DECLARATION AND ASSIGNMENT**Title of Invention:** **STAPLE CARTRIDGE ASSEMBLY COMPRISING VARIOUS TISSUE COMPRESSION GAPS
AND STAPLE FORMING GAPS**

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 **16/156,161** filed on **October 10, 2018**.

Declaration

As the below named inventor, I hereby declare that:

The above-identified application ("Application") was made or authorized by me.

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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.

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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"),

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☒ 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.

Attorney Docket No.: END7684USCNT1/150124CON1
US Application No.: 16/156,161

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Frederick E. Shelton, IV
LEGAL NAME OF INVENTOR



Signature



Date

COMBINED DECLARATION AND ASSIGNMENT

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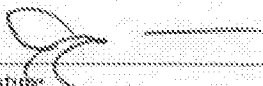
I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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.

Jerome R. Morgan
LEGAL NAME OF INVENTOR


Signature

4/6/2020
Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: STAPLE CARTRIDGE ASSEMBLY COMPRISING VARIOUS TISSUE COMPRESSION GAPS AND STAPLE FORMING GAPS

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 16/156,161 filed on October 10, 2018.

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:

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.

COPY FROM PARENT APPLICATION

Attorney Docket No.: END7684USCNT1/150124CON1

US Application No.: 16/156,161

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.

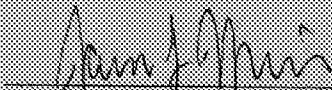
I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries,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

Jason L. Harris

LEGAL NAME OF INVENTOR



Signature

4/14/2020

Date