PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7334627

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYLE P. MOORE	05/29/2020
FREDERICK E. SHELTON IV	03/26/2019
WILLIAM B. WEISENBURGH II	01/30/2019
JEROME R. MORGAN	01/31/2019
MARK H. RANSICK	01/30/2019
EUGENE L. TIMPERMAN	05/18/2020

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:	17161894

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.

using a lax number, ii provided, ii that is unsuccessiul, it will be sent via 03

Phone: 4123558334

Email: piuspatents@klgates.com **Correspondent Name:** CAMERON P. THORNTON

Address Line 1: 210 SIXTH AVENUE K&L GATES CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END6213USCNT19/070330CN26
NAME OF SUBMITTER:	/CAMERON P. THORNTON/
SIGNATURE:	/Cameron P. Thornton/
DATE SIGNED:	05/17/2022

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

source=END6213USCNT19_070330CN26_CombDecAsn_from_parent-for-Moore-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn_from_parent-for-Moore-to-Ethicon_LLC#page2.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Shelton-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Weisenburgh-to-Ethicon_LLC#page2.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Weisenburgh-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Weisenburgh-to-Ethicon_LLC#page2.tif source=END6213USCNT19_070330CN26_CombDecAsn_from-parent-for-Morgan-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn_from-parent-for-Morgan-to-Ethicon_LLC#page2.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Ransick-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Ransick-to-Ethicon_LLC#page2.tif source=END6213USCNT19_070330CN26_CombDecAsn-from-parent-for-Timperman-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn_from_parent-for-Timperman-to-Ethicon_LLC#page1.tif source=END6213USCNT19_070330CN26_CombDecAsn_from_parent-for-Timperman-to-Ethicon_LLC#page2.tif

Attorney Docket No.: <u>END6213USCNT23/070330CN22</u> US Application No.: <u>16/232,190</u>

COMBINED DECLARATION AND ASSIGNMENT			
Title of Invention: DETACHABLE MOTOR This declaration and assignment is directed to:	POWERED SURGICAL INSTRUMENT		
	The attached or filed herewith application of (list of named inventors),		
or			
	The United States application or PCT international application number 16/232,190 filed on December 26, 2018.		
Declaration			
As the below named inventor, I hereby de-	clare that:		
The above-identified application ("Application")	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.		
	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		
- T	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or oth 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		
А согр	poration of the state or country of Delaware		
(he	reinafter designated as the "Assignee"),		
	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 consideration, the assigned and transferred to Assignee, such assignment	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have ent being made effective as of February 14, 2008:		
the right to claim priority to the Application, all in States. European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	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 nent and sale not been made.		
	Į.		

304890349 v1

Attorney Docket No.: END6213USCNT23/070330CN22

US Application No.: 16/232,190

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.

Kvle P. Moore

LEGAL NAME OF INVENTOR

Signature

29 May 2020

Date

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304890349 v1

Attorney Docket No.: END6213USCNT12/070330CN12

			US Application No.: <u>15/661,984</u>
	COM	IBINED	DECLARATION AND ASSIGNMENT
Title of I	nvention: <u>DETACHABLI</u>	MOTO	R POWERED SURGICAL INSTRUMENT
This declar	ation and assignment is directe	d to:	
			The attached or filed herewith application of (list of named inventors)
		or	가는 바로 가는 바로 바로 바로 가장 보다 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
		×	The United States application or PCT international application
			number <u>15/661,984</u> filed on <u>July 27, 2017</u> .
Declarati	ion .		사는 사람들은 마음에 가장 보는 사용 전략을 위한 경기를 받는 것이 되었다.
As	s the below named inventor, I l	nereby dec	Jare that:
Th	ne above-identified application	("Applica	ation") was made or authorized by me.
1 b	pelieve that I am the original in	ventor or	an original inventor of a claimed invention or discovery in the Application.
information		oility as d	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
			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.
Assignm	ent		
			Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
		a L	imited Liability Company of <u>Delaware</u> .
		(he	reinafter designated as the "Assignee"),
			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:
o r			
	or good and valuable consident transferred to Assignee:	eration, th	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to States, Eur such inven continuatio supplement and enjoyn	claim priority to the Applicat ropean Patent Office and of a tions or discoveries and all ms thereof, and to all Letters tary protection certificates, res	ion, all in ill other co rights in Patent th xamination 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.: END6213USCNT12/070330CN12

US Application No.: 15/661,984

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.

Frederick E. Shelton, IV
LEGAL NAME OF INVENTOR

Signature

Signature

3/26/19

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Page 2 of 2

Attorney Docket No.: END6213USCNT12/070330CN12
US Application No.: 15/661,984

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>DETACHABLE MOTO</u>	R POWERED SURGICAL INSTRUMENT
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 15/661,984 filed on July 27, 2017.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application ("Application of the above-identified application of th	ation") was made or authorized by me.
	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the containformation which is material to patentability as dithis Application in the United States of America.	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
	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.
Assignment	Ethicon LLC #475 Street C, Suite 401 Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
a L	imited Liability Company of <u>Delaware</u> .
(he	reinafter designated as the "Assignee"),
	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 consideration, the 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 Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	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

Attorney Docket No.: END6213USCNT12/070330CN12

US Application No.: 15/661,984

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.

William B. Weisenburgh, II
LEGAL NAME OF INVENTOR

1/30/2019

Page 2 of 2

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COPY FROM PARENT APPLICATION Attorney Docket No.: END6213USCNT12/070330CN1 US Application No.: 15/661,98
COMBINED DECLARATION AND ASSIGNMENT
Title of Invention: <u>DETACHABLE MOTOR POWERED SURGICAL INSTRUMENT</u>
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 15/661,984 filed on July 27, 2017.
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 disclos 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 of 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 <u>Delaware</u> .
(hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assigned 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 an 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, a such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, are continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extension supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own us 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 wou have been held and enjoyed by me had this assignment and sale not been made.
1

Page 1 of 2

Attorney Docket No.: END6213USCNT12/070330CN12

US Application No.: 15/661,984

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 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	
A -	1/31/19
Signature	Date

Page 2 of 2

PATENT

REEL: 059933 FRAME: 0044

Attorney Docket No.: END6213USCNT12/070330CN12

US Application No.: 15/661,984

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: <u>DETACHABLE MOTO</u>	R POWERED SURGICAL INSTRUMENT
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	The attached or filed herewith application of (list of named inventors),
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	The United States application or PCT international application number 15/661,984 filed on July 27, 2017.
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	an original inventor of a claimed invention or discovery in the Application.
	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
	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 LLC #475 Street C, Suite 401
	Los Frailes Industrial Park Guaynabo, Puerto Rico 00969
a Li	mited Liability Company of Delaware.
	reinafter designated as the "Assignee"),
	I 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:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the 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 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 at may be granted for said inventions and discoveries, and in and to all extensions, ns, 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 nent and sale not been made.
	Page 1 of 2

PATENT

REEL: 059933 FRAME: 0045

Attorney Docket No.: END6213USCNT12/070330CN12

US Application No.: 15/661,984

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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 H. R. LEGAL NA	ansick ME OF INVENTOR		
Signature	1. Renind	//30/2019 Date	

Page 2 of 2

	Attorney Docket No.: END6213USCNT23/070330CN22 US Application No.; 16/232,190
COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: <u>DETACHABLE MOTOR POWERED SURGICAL INSTRUMENT</u> 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 16/232,190 filed on December 26, 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 corporation of the state or country 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, such assignment being made effective as of February 14, 2008:	
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.	
304800357 v1	1

Attorney Docket No.: END6213USCNT23/070330CN22

US Application No.: 16/232,190

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.

Eugene L. Timperman

LEGAL NAME OF INVENTOR

Signatury Hungherman

5/18/20

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