505358373 03/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5405161

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASSAF GOVARI	02/05/2019
YARON EPHRATH	02/06/2019

RECEIVING PARTY DATA

Name:	BIOSENSE WEBSTER (ISRAEL) LTD.
Street Address:	4 HATNUFA STREET
City:	YOKNEAM
State/Country:	ISRAEL
Postal Code:	2066717

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16230654

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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: 215-568-6400
Email: spadilla@vklaw.com

Correspondent Name: VOLPE AND KOENIG, P.C. Address Line 1: 30 SOUTH 17TH STREET

Address Line 2: SUITE 1800

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	JNJBIO-5770USNP
NAME OF SUBMITTER:	TODD A. NORTON
SIGNATURE:	/Todd A. Norton/
DATE SIGNED:	03/04/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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		Attorney Docket No.: JNJ-BIO5770USNP
СОМІ	BINED	DECLARATION AND ASSIGNMENT
Γitle of Invention: IMPEDANCE Ν	//EASU	REMENTS USING BURST PULSES TO PREVENT NOISE ON ECG
This declaration and assignment is directed	to:	The attached or filed herewith application of (list of named inventors)
	Or	
	Ø	The United States application or PCT international application number 16/230,654 on December 21, 2018
Declaration		
As the below named inventor, I be	reby dec	ilare that:
The above-identified application ("Applica	ttion") was made or authorized by me.
I believe that I am the original inv	entor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood information which is material to patentablithis Application in the United States of Ar	lity 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
I hereby acknowledge that any w imprisonment of not more than five (5) yea	illful fal rs, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for fillings of this. Application in the United States of America.
Assignment		Biusense Webster (Isruel) Ltd.
		4 Hatnufa Street
		Yokneam, 2866717 Israel rporation of the state or country of <u>Israel</u> reinafter designated as the "Assignee"),
I hereby acknowledge that I have which is hereby conformed for recordation	assigne in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable consider assigned and transferred to Assignee:	ation, th	e sufficiency of which is acknowledged. I hereby assign and transfer and/or have
the right to claim priority to the Application States, European Patent Office and of all such inventions or discoveries and all recontinuations thereof, and to all Letters I supplementary protection certificates, reex	on, all in other co ights in attent th amination 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 sentries, 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.
Office, any other patent offices, and under any reexamination of any of such applic	the Pate ations, a	with the Application in the United States Patent and Trademark Office, European Patent and Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such ments in connection with such applications as the Assignee may deem necessary or
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PATENT REEL: 048506 FRAME: 0260

Attorney Docket No.: INJ-BIOS770USNP

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.

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Assaf GOVARI	20a	5, Feb 2019
Signature		Date

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		Attorney Docket No.: JNJ-BIO5770USNP
COM	BINEI	DECLARATION AND ASSIGNMENT
Title of Invention: IMPEDANCE I	VIEASI	UREMENTS USING BURST PULSES TO PREVENT NOISE ON ECG
This declaration and assignment is directed	lto:	The susched or filed herewith application of (list of named inventors) ,
	Or	
<i>77. i.</i>	Ø	The United States application or PCT international application number 16/236.654 on December 21, 2018
Declaration		
As the below named inventor, I h	ereby de	clare that:
The above-identified application ("Applic	ation") was made or authorized by me.
I believe that I am the original inv	enter or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood information which is material to patentable this Application in the United States of At	lity as d	ients of the Application, including the claims, and I acknowledge the duty to disclose tefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
f hereby acknowledge that any w imprisonment of not more than five (5) yes	illful fa us, or b	ise statement made in this declaration is punishable under 18 U.S.C. \S 1001 by fine or oth for fillings of this. Application in the United States of America.
Assignment		Biosense Welister (Israel) Ltd. 4 Hatmila Sircet Yokneam, 2066717 Israel reporation of the state or country of Israel treinafter designated as the "Assignce"),
I hereby acknowledge that I have which is hereby conformed for reconlation	assigna in the U	id the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer.
or		
For good and valuable consider assigned and transferred to Assignee:	ation, tl	te sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applicati States. European Patent Office and of all such inventions or discoveries and all t continuations thereof, and to all Letters I supplementary protection certificates, reco	on, all is other c ights in amination or terms	the Application, including all priority rights for other countries arising therefrom and neemions 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 a such Application including any and all provisionals, substitutions, divisions, and not may be granted for said inventions and discoveries, and in and to all extensions, ones, renewals, and reissness 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.
Office, any other patent offices, and under	the Patations.	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any cominuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such ments in connection with such applications as the Assignee may deem necessary or
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Attency Docket No.: JNJ-BIO5770USNP

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 Fasent and Trademark Office, European Patent Office, any other parent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any recvamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary projection 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 Assignce, may be necessary or desirable to secure the gram of Letters Patent to Assignce or its nominers, in the United States, by the European Patent Office and in all other countries where Assignce 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 Assignce and to vest and confirm in Assignce or its nominees the full and complete legal and equitable talls 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 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 desimble in order to obtain legal meordation of this document.

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aron EPHRATH	and the second	6/2/19	
ignature		Date	
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