504951024 06/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT4997771

SUBMISSION TIPE.	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AHARON TURGEMAN	06/04/2018
PAOLO ROBERTO POZZI	05/28/2018
ANDREA NATALIZIA	05/28/2018

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:	15874088

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-5743USCIP1	
NAME OF SUBMITTER: DENNIS F. DEFINO, JR.	
SIGNATURE:	/Dennis F. DeFino, Jr./
DATE SIGNED:	06/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

source=JNJBIO_5743USCIP1_Assignment_Decl_15874088_executed_3_inventors_EPAS#page1.tif source=JNJBIO_5743USCIP1_Assignment_Decl_15874088_executed_3_inventors_EPAS#page2.tif

PATENT 504951024 REEL: 046026 FRAME: 0242

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PATENT REEL: 046026 FRAME: 0243

Attorney Docket No.: JNJ-BIO5743USCIP1

COMBINED	DECLARATION AND ASSIGNMENT
	MAPPING ECG SIGNALS AND DETERMINING TO ELIMINATE BRUGADA SYNDROME
This declaration and assignment is directed to: Or	The attached or filed herewith application of (list of named inventors),
☑ Declaration	The United States application or PCT international application number 15/874,088 filed on January 18, 2018
As the below named inventor, I hereby dec	lare that:
The above-identified application ("Application ("Application ("Application of the above-identified application of the above-identified app	
	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the conte	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
I hereby acknowledge that any willful false imprisonment of not more than five (5) years, or both	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	
	Biosense Webster (Israel) Ltd. 4 Hatnufa Street
A core	Yokneam, 2066717 Israel poration of the state or country of <u>Israel</u>
	einafter 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:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
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 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 a 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.
Office, any other patent offices, and under the Paten any reexamination of any of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent at Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, d any patent term extensions or supplementary protection certificates of any such ents in connection with such applications as the Assignee may deem necessary or
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PATENT REEL: 046026 FRAME: 0244

Attorney Docket No.: JNJBIO-5743USCIP1 U.S. Patent Appln. 15/874,088

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.

AHARON TURGEMAN

Ahaper Thylerun

Date 4/6/18

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		Attorney Docket No.: JNJBIO-5743USCIPI
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:		MAPPING ECG SIGNALS AND DETERMINING S TO ELIMINATE BRUGADA SYNDROME
This declaration and as	signment is directed to:	The attached or filed herewith application of (list of named inventors)
Declaration		The United States application or PCT international application number 15/874,088 filed on January 18, 2018
As the below na	med inventor, I hereby dec	lare that:
The above-ident	tified application ("Applica	tion") was made or authorized by me.
I believe that I a	m the original inventor or a	an original inventor of a claimed invention or discovery in the Application.
I have reviewed information which is ma this Application in the U	terial to patentability as de	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
I hereby acknow imprisonment of not more	vledge that any willful false e than five (5) years, or bot	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		
		Biosense Webster (Israel) Ltd. 4 Hatnufa Street
		Yokneam, 2066717 Israel
		poration of the state or country of <u>Israel</u> sinafter designated as the "Assignee"),
I hereby acknow which is hereby conforme	dedge that I have assigned ed 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:
3f°		
For good and v		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priority states, European Patent such inventions or disco- continuations thereof, and supplementary protection and enjoyment to the full	to the Application, all involves and of all other counteries and all rights in some to all Letters Patent that certificates, reexamination and of the term or terms for	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 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 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.
Office, any other patent on my reexamination of any	offices, and under the Paten y of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent to Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, dany patent term extensions or supplementary protection certificates of any such as in connection with such applications as the Assignee may deem necessary or

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5184796-1

PATENT REEL: 046026 FRAME: 0246

Attorney Docket No.: JNJ-BIO5743USCIP1 U.S. Patent Apple No. 15/874,088

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.

PAOLO ROBERTO POZZI

Signature

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		Attorney Docket No.: JNJBIO-5743USCIP
COMBI	INED	DECLARATION AND ASSIGNMENT
		IAPPING ECG SIGNALS AND DETERMINING TO ELIMINATE BRUGADA SYNDROME
		The attached or filed herewith application of (list of named inventors),
I	\boxtimes	The United States application or PCT international application number 15/874,088 filed on January 18, 2018
med inventor, I here	by decla	are that:
	-	ion") was made or authorized by me.
m the original inven	tor or ar	n original inventor of a claimed invention or discovery in the Application.
terial to patentability	y as defi	ts of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
		statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine o for filings of this Application in the United States of America.
		Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel oration of the state or country of Israel nafter designated as the "Assignee"),
ledge that I have assed for recordation in	signed t	he above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
aluable consideratio o Assignee:	on, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
to the Application, Office and of all oth veries and all right I to all Letters Pate certificates, reexami end of the term or to	all invener counts in such that in that in ations, erms for	e Application, including all priority rights for other countries arising therefrom and nitions or discoveries therein disclosed, and any and all Letters Patent of the United tries, which may be granted for such inventions or discoveries, or any of them, all ich Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use which such Letters Patent may be granted, as fully and entirely as the same would it and sale not been made.
ffices, and under the of such application	Patent ns, and	the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such in connection with such applications as the Assignee may deem necessary or
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	and inventor, I here ified application ("A im the original inventant to patentability inited States of Ame eledge that any willf the than five (5) years, ledge that I have as d for recordation in aluable consideration of Assignee: interest in, to, and it to the Application, Office and of all oth veries and all righ to all Letters Pate certificates, reexam- end of the term or to d by me had this as elecessary in connect frices, and under the of such application	ANALYZING AND M ABLATION POINTS gnment is directed to: Or Image: Both the content of the conte

Attorney Docket No.: JNJBIO-5743USCIP1
U.S. Patent Appln 15/874,088

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.

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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.

ANDREA NATALIZIA	
Signature Augustus Mulikus	_May 28, 2018 Date

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