505325606 02/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5372387

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAA ZOUBI	02/06/2019
SHIRAN ELIYAHU	02/04/2019
ASSAF PRESSMAN	02/12/2019

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:	16237056	

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: jmiceli@vklaw.com, eoffice@vklaw.com

Correspondent Name: DENNIS F. DEFINO, JR.

Address Line 1: VOLPE & KOENIG, P.C.

Address Line 2: 30 SOUTH 17TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: JNJBIO-5928USNP	
NAME OF SUBMITTER:	DENNIS F. DEFINO, JR.
SIGNATURE: /DENNIS F. DeFINO JR./	
DATE SIGNED:	02/12/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT 505325606 REEL: 048312 FRAME: 0170

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	Automey Docket No.: <u>INIBIO-5928USNP</u>
COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	138 mession of those mere sear oppositions to fine an amount of the search of the sear
	The United States application or PCT international application
Declaration	number 16/237,056 filed on <u>December 31, 2018</u>
As the below named inventor, I hereby d	oclare that:
The above-identified application ("Appli	ication") was made or authorized by me.
I believe that I am the original inventor of	or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the cor information which is material to patentability as this Application in the United States of America.	ntents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful f imprisonment of not more than five (5) years, or l	alse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this. Application in the United States of America.
Assignment	
	Biosense Webster (Israel) Ltd.
	4 Hatmufa Street Yokneam, 2066717 Israel
l A	<u>rokaleans, 2000 (1) (1868)</u> corporation of the state or country of <u>Israel</u>
	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assign which is hereby conformed for recordation in the	ted the above-identified invention by previous assignment (attached heroto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, assigned and transferred to Assignee:	the sufficiency of which is acknowledged. I hereby assign and transfer and/or have
	A A C C C A C A C A C A C A C A C A C A
the right to claim priority to the Application, all States, European Patent Office and of all other such inventions or discoveries and all rights continuations thereof, and to all Letters Patent supplementary protection certificates, reexaminal	er the Application, including all priority rights for other countries arising therefrom and inventions 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 in such Application including any and all provisionals, substitutions, divisions, and that may be granted for said inventions and discoveries, and in and to all extensions, tions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use is for which such Letters Patent may be granted, as fully and entirely as the same would nment and sale not been made.
Office, any other patent offices, and under the Plany reexamination of any of such applications,	with the Application in the United States Patent and Trademark Office, European Patent atent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such aments in connection with such applications as the Assignee may deem necessary or
	1
5575293-1	

Attorney Docket No.: <u>INIBIO-5928USNP</u>

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 Assignce, may be necessary or desirable to secure the grant of Letters Patent to Assignce or its nominees, 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 title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Latters 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.

<u> </u>	
Signature Alaa Zoubi	Date

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LEGAL NAME OF INVENTOR

	Attorney Docket No.: <u>INIBIO-5928USNP</u>
COMBIN	ED DECLARATION AND ASSIGNMENT
Title of Invention:	
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 16/237.056 filed on December 31, 2018
Declaration	
As the below named inventor, I hereby	declare that:
The above-identified application ("App	olication") 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 c information which is material to patentability a this Application in the United States of Americ	ontents of the Application, including the claims, and I acknowledge the duty to disclose is defined in Title 37, the United States Code of Federal Regulations, §1.56 for fillings of a.
I hereby acknowledge that any willful imprisonment of not more than five (5) years, or	false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this. Application in the United States of America.
Assignment	
Assignment	Biosense Webster (Israel) Ltd.
	4 Hamufa Street
	Yokneam, 2066717 Israel
	corporation of the state or country of Israel
	(hereinafter designated as the "Assignce"),
I hereby acknowledge that I have assign which is hereby conformed for recordation in the	gned the above-identified invention by previous assignment (attached hereto) to Assignee in US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration assigned and transferred to Assignee:	, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
	Andre the traditional and all all all all all all all all all al
the right to claim priority to the Application, all States, European Patent Office and of all other such inventions or discoveries and all rights continuations thereof, and to all Letters Patent supplementary protection certificates, reexaming	der the Application, including all priority rights for other countries arising therefrom and il inventions or discoveries therein disclosed, and any and all Letters Patent of the United r countries, which may be granted for such inventions or discoveries, or any of them, all in such Application including any and all provisionals, substitutions, divisions, and t that may be granted for said inventions and discoveries, and in and to all extensions, ations, renewals, and reissues thereof, to be held and enjoyed by Assignce for its own use ms for which such Letters Patent may be granted, as fully and entirely as the same would ignment and sale not been made.
Office, any other patent offices, and under the any reexamination of any of such application	on with the Application in the United States Patent and Trademark Office, European Patent Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, s, and any patent term extensions or supplementary protection certificates of any such gnments in connection with such applications as the Assignee may deem necessary or
CERTAIN A	1
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Attorney Docket No.: JNJBIO-5928USNP

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 Assignce 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 glosement.

LEGAL NAI	ME OF INVENTOR	
		4-EB-2.19.
Signature	Shiran Eliyahu	Date
	A Commission of the Commission	

	Attorney Docket No.: <u>JNJBIO-5928USNP</u>
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	
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 insernational application number 16/237,056 filed on <u>December 31, 2018</u>
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Applica	nion") 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 conte information which is material to patentability as de this Application in the United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose effined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	te statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for fillings of this. Application in the United States of America.
	Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel rporation of the state or country of <u>Israel</u> einafter designated as the "Assignee"),
which is hereby conformed for recordation in the U	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 that supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, at may be granted for said inventions and discoveries, and in and to all extensions, as, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would nent and sale not been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, as	ith the Application in the United States Patent and Trademark Office, European Patent int Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, nd any patent term extensions or supplementary protection certificates of any such tents in connection with such applications as the Assignee may deem necessary or
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SS78304-1	1

Attorney Docket No.: JNJB10-5928USNP

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 Assignce, 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 Assignce 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 Assignce, 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.						
LEGAL NA	ME OF INVENTOR	and the second				
				12/2	12019	
Signature	Assaf Pressman		wi	Date		
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**PATENT** REEL: 048312 FRAME: 0177

RECORDED: 02/12/2019