506391597 12/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6438353

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REFAEL ITAH	11/29/2020
AHARON TURGEMAN	11/03/2020
DANIEL MELBY	12/03/2020
GAL HAYAM	09/07/2020
TAL HAIM BAR-ON	09/07/2020

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:	16986871

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: 2155686400

Email:kodonnell@vklaw.comCorrespondent Name:GERALD B. HALT, JR.Address Line 1:30 SOUTH 17TH STREET

Address Line 2: 18 FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19020

ATTORNEY DOCKET NUMBER:	JNJBIO-6170USNP1
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	12/08/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 054580 FRAME: 0925

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Total Attachments: 10 source=JNJBIO_6170USNP1_Dec_Assign_Melby#page1.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page1.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page2.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page3.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page4.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page5.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page6.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page7.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page7.tif source=JNJBIO_6170USNP1_Dec_Assign_Iventors_EFS#page8.tif

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: ENHANCED VISUAL	IZATION OF ORGAN ELECTRICAL ACTIVITY
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 16/986,871 filed on August 6, 2020.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application ("Application ("Application of the above-identified application of the above-identified app	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.
I have reviewed and understood the conte information which is material to patentability as d this 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.
4 Hatt	nse Webster (Israel) Ltd. nufa Street eam, 2066717
	rporation of the state or country of Israel 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 August 13, 2019:
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 communitions thereof, and to all Letters Patent th 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 outries, 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, ans, 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

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.

have been held and enjoyed by me had this assignment and sale not been made.

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REEL: 054580 FRAME: 0927

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.

LEGAL NAME OF INVENTOR	
2012/2	12/3/20
Daniel Melby	Date

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	Attorney Docket No.: 384 Bit 26170 LKNP
COMBINE	D DECLARATION AND ASSIGNMENT
Tide of Invention: ENHANCED VISUA	LIZATION OF ORGAN ELECTRICAL ACTIVITY
This declaration and a seignment is directed to:	The attached or filed inversely application of (lim of named inventors)
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88	The United States application of PCT international application Number 16/986,871 filed on August 6, 2026.
Declaration	
As the below named inventor. I hereby de	when the c
The above-identified application ("Appli	nition") was made arabithorized by me
I besieve that ham the original inventors	r an original likeontur of a claimed irrentism or discovery in the Application.
I have reviewed and understood the cor information which is material to patients bility as this Application in the United Status of America.	tions of the Application, maketing the claims, and I anknowledge the duty to disclose datined in Title 37, the United States Code of Federal Begulations, § U.36 for flings of
	the statission, made in this declaration is punishable under (S.U.S.C., § 166) by the or odi forfilings of the Application in the United States of Assorban
Assignment	
	upe Websics Canaly had. Buts Super
	wam, 20667 FF
A.00	expension of the state or animally of Land Greinafter designated as the "Anignose").
Themby asknowledge that I have assign which is identify conformed for metorication in the t	red the above identified invention by previous arsignment (attached beacin) to Assigned 28 Patent Office and I confirm I have and disposing and marker.
88	
For good and valuable consideration, our signed and transferred to Assignee, such assignments	die aufficiency of which is acknowledged. I harshy assign and transfer andrer have used being madically above a August 13, 2019.
the right in claim priority to the Application, all is States. European Fatint Office and of all other such inventions or discoveries and all rights of communitions thereof, and to all Letters Patent supplementary protection conflictes, researches and onjugation to the full and of the term in turn have been held and onjuged by me had the assign	
I shall execute all papers necessary in connection :	with the Application in the Urined States Patent and Paskemark Office European Patent :

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Office, any other parent offices, and under the Parent Cooperation Treaty, and any community, divisional, or missue applications, and any parent term extensions or supplementary projection condicates of any parent applications and also to execute separate assignments in connection with such applications as the Assignment and deem necessary or

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expedient.

Antoney Docker No. (INSBIDATIONS)

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other connective, or any administrative proceeding in the United States Patent and Trademark Office. European Putent Office, any other patent office, or under the Patent Cooperation Treasy concerning the Applications) or any continuation, divisional, or reissue applications, or any maximisation of any such applications, or any Letters Patent island thereform or any patent term extensions or supplicancelarly protection certificates of any such applications and to cooperate with the Assignme in every way possible in chaming evidence and going forward with such timetion or proceeding.

I shall execute all papers and documents and performany set which may be accessory in connection with element provisions of the International Convention for Protection of Industrial Property or shalls a speciments.

I shall do all other acts which, in the opinion of Assignee, may be estensively or desirable to seeme the grant of Lenters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other committee where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such from as shall be approved by Assignee and to vest and confirm in Assignee or his nominary the full and complete legal and equivable title in all outs Leners Patent.

I handly (i) authorize and request the Commissioner of Parcius in issue may and all Letters Parent of the United States resulting from the Application or any divisional, configuration, branches applications themselved any divisional, configuration, to Assignee, and (ii) coverant that I have full right to convey the interest horses a seigned, and that I have not excepted, and will not except to may approximent in conflict however.

I hereby grant the attorney of record the preserve inserves this a seignment any further identification which may be accessed or desirable in order to obtain logal accessed first decument

LEGAL NAME OF INVENTOR

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	Attorney Docket No.: JNJBIO-6170USNP1
	COMBINED DECLARATION AND ASSIGNMENT
	Title of Invention: ENHANCED VISUALIZATION OF ORGAN ELECTRICAL ACTIVITY
	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 16/986.871 filed on August 6, 2020.
	Declaration
	As the below named inventor, I hereby declare that:
	The above-identified application ("Application") was inade 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 Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 ISRAEL
	A corporation of the state or country of Israel (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 August 13, 2019:
	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.
The state of the s	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 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 lingation 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 Assigned, 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 berein 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

lesirable in order to obtain legal recordation of this doci	ument.		
LEGAL NAME OF INVENTOR			
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Gal Huyam		<u> 5ер. 7. 2020</u> _{Date}	
can Hayan		Date.	
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		Attorney Docket No.: JNIBIO-6170USNPI
COM	BINED	DECLARATION AND ASSIGNMENT
Title of Invention: ENHANCED V	ISUALI	ZATION OF ORGAN ELECTRICAL ACTIVITY
This declaration and assignment is directed	I to:	The attached or filed herewith application of (list of named inventors)
	or	
	\boxtimes	The United States application or PCT international application Number 16/986,871 filed on August 6, 2020.
Declaration		
As the below named inventor, I ha	ereby deel	lare that:
The above-identified application ("Applica	tion") was made or authorized by me.
I believe that I am the original inv	entor or a	in 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	fity 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
		e statement made in this declaration is punishable under $18~U.S.C.~\S~1001$ by fine or h for fillings of this. Application in the United States of America.
Assignment	4 Hatm	se Webster (Israel) Ltd. ufa Street un, 2066717 L
		poration of the state or country of Israel emafter designated as the "Assignee").
		the above-identified invention by previous assignment (attached hereto) to Assignee 5 Patent Office and I confirm I have and do assign and transfer:
er.		
		sufficiency of which is acknowledged. I hereby assign and transfer and/or have int being made effective as of August 13, 2019:
the right to claim priority to the Applicati States. European Patent Office and of all such inventions or discoveries and all continuations thereof, and to all Letters supplementary protection certificates, rec-	on, all in Lother co rights in Patent tha commado or terms	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 it 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 tent and sale not been made.
Office, any other patent offices, and unde any reexamination of any of such applic	r the Pare tations, a	ith the Application in the United States Patent and Trademark Office, European Patent in Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, ad 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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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 Applications(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.

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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 period 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 NAME OF INVENTOR	
4	07-57-220
Tal Haim Bar-ou	Date

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	Attorney Docket No.: JNJBIO-6170USNP1
COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: ENHANCED VISUA	LIZATION OF ORGAN ELECTRICAL ACTIVITY
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
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Declaration	
As the below named inventor, I hereby de	refare that:
The above-identified application ("Application")	rution") was made or authorized by me.
I believe that I am the original inventor of	r an original inventor of a claimed invention or discovery in the Application.
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	lise 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	
4 Hai	nse Webster (Israel) Ltd. nufu Street eam. 2066717 EL
	orporation of the state or country of Israel ereinafter designated as the "Assignee").
	ed the above-identified invention by previous assignment (attached hereto) to Assignee JS 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	he sufficiency of which is acknowledged. I hereby assign and transfer and/or have nent being made effective as of August 13, 2019:
the right to claim priority to the Application, all i States. European Patent Office and of all other c such inventions or discoveries and all rights it continuations thereof, and to all Letters Patent if supplementary protection certificates, reexaminati	r the Application, including all priority rights for other countries trising therefrom and aventions 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 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 uses 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 Pat	with the Application in the United States Patent and Trademark Office, European Patent tent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, 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 of

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expedient.

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Anomey Docket No.: INJBIO-6170USNP1

I shall execute all papers necessary in connection with any lingation 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.

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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.

LEGAL NAME OF INVENTOR

Aharon Turgeman H

3/M/20

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RECORDED: 12/08/2020