PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6978639

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEKSANDER PRYLUTSKYY	08/02/2021
VADIM GLINER	08/02/2021
GEORGE GUSEIN	09/01/2021
ILAN GOLDENBERG	09/01/2021

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:	17362725

CORRESPONDENCE DATA

Fax Number:

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.

Email: jkatala1@its.jnj.com

Correspondent Name: JOSEPH F. SHIRTZ, JOHNSON & JOHNSON

Address Line 1: ONE JOHNSON & JOHNSON PLAZA

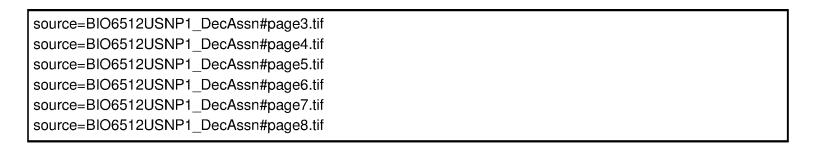
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933-7003

ATTORNEY DOCKET NUMBER:	BIO6512USNP1
NAME OF SUBMITTER:	JOY KATALAN
SIGNATURE:	/Joy Katalan/
DATE SIGNED:	10/20/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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PATENT 506931802 REEL: 057847 FRAME: 0439



PATENT REEL: 057847 FRAME: 0440

	Attorney Docket No.: <u>BIO6512USNP1</u>
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: HETERODYNE CATH	IETER CALIBRATION SYSTEM
mt to the formal and analysis and in diversity discreted to	
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 17/362,725 filed on June 29, 2021.
Declaration	
As the below named inventor, I hereby de-	clare that:
The above-identified application ("Applic	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 cont information which is material to patentability as de Application in the United States of America.	ents 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 this
I hereby acknowledge that any willful fal imprisonment of not more than five (5) years, or bo	ise 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	
1100-100	Biosense Webster (Israel) Ltd.
	4 <u>Hatnufa Street</u> Yokneam, 2066717 Israel
	orporation of the state or country of Israel
(he	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the I	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 and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inventions or discoveries and all rights in such Applications or discoveries and all rights in such Applications, and to all Letters Patent that may be graphotection certificates, reexaminations, renewals, to the full end of the term or terms for which such and enjoyed by me had this assignment and sale respectively.	
Office, any other patent offices, and under the Pa	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 ments in connection with such applications as the Assignee may deem necessary or
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PATENT REEL: 057847 FRAME: 0441

Attorney Docker	No.:	BIO6512USNP1
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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 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 document.

LEGAL NAME OF INVENTOR

ALEKSANDER PRYLUTSKYY

a fight		2 August 2021		
Signature	Date			
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	Attorney Docket No.: <u>BIO6512USNP1</u>
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: HETERODYNE CATH	ETER CALIBRATION SYSTEM
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 17/362,725 filed on June 29, 2021.
Declaration	
As the below named inventor, I hereby dea	clare that:
The above-identified application ("Application ("Application of the above-identified application of th	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 continformation which is material to patentability as de Application in the United States of America.	ents 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 this
I hereby acknowledge that any willful fal imprisonment of not more than five (5) years, or bo	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.
(he	Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel orporation of the state or country of Israel oreinafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the U	d 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 and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all invent European Patent Office and of all other countries inventions or discoveries and all rights in such Ap thereof, and to all Letters Patent that may be gra motection certificates, reexaminations, renewals, a	the Application, including all priority rights for other countries arising therefrom and the ions or discoveries therein disclosed, and any and all Letters Patent of the United States, s, which may be granted for such inventions or discoveries, or any of them, all such oplication including any and all provisionals, substitutions, divisions, and continuations unted for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment a Letters Patent may be granted, as fully and entirely as the same would have been held of been made.
Office, any other patent offices, and under the Palany reexamination of any of such applications.	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 ments in connection with such applications as the Assignee may deem necessary or
	1

Attorney Docket No.: BIO6512USNP1

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

VADIM GLINER

Signature

Date

		Attorney Docket No.: <u>BIO6512USNP1</u>
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: HETERO	DDYNE CATH	ETER CALIBRATION SYSTEM
This declaration and assignment is d	irected to:	The attached or filed herewith application of (list of named inventors)
	Or	
		The United States application or PCT international application number 17/362,725 filed on June 29, 2021.
Declaration		
As the below named invent	tor, I hereby dec	lare that:
The above-identified applic	cation ("Applica	tion") was made or authorized by me.
I believe that I am the original	inal inventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and under information which is material to pat Application in the United States of	entability as def	ents 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 this
I hereby acknowledge that imprisonment of not more than five	any willful fals (5) years, or bo	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		Section 1971 and 1971
		Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel rporation of the state or country of <u>Israel</u> rcinafter designated as the "Assignee"),
I hereby acknowledge that which is hereby conformed for reco	t I have assigne ordation 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 cor and transferred to Assignee:	nsideration, the s	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Applic European Patent Office and of all inventions or discoveries and all ri thereof, and to all Letters Patent to protection certificates, recommunity	ation, all invent other countries ghts in such Ap hat may be gra ons, renewals, a for which such	the Application, including all priority rights for other countries arising therefrom and the ions or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such plication including any and all provisionals, substitutions, divisions, and continuations nted for said inventions and discoveries, and in and to all extensions, supplementary nd reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment Letters Patent may be granted, as fully and entirely as the same would have been held of been made.
Office, any other patent offices, ar	nd under the Pat applications.	with the Application in the United States Patent and Trademark Office, European Patent ent 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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Attorney Docket No.: BIO6512USNP1

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

GEORGE GUSEIN

(and roll)	Septemb	er 1, 2021
nature V	Date	

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	Attorney Docket No.: BIO6512USNP1
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: HETERODYNE CATH	IETER CALIBRATION SYSTEM
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 <u>17/362,725</u> filed on <u>June 29, 2021.</u>
Declaration	
As the below named inventor, Thereby 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.
I have reviewed and understood the con information which is material to patentability as de Application in the United States of America.	tents 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 this
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Assignment A c	Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel orporation 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	ed the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
er	
For good and valuable consideration, the and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inver European Patent Office and of all other countrie inventions or discoveries and all rights in such A thereof, and to all Letters Patent that may be gr	the Application, including all priority rights for other countries arising therefrom and the tions or discoveries therein disclosed, and any and all Letters Patent of the United States, is, which may be granted for such inventions or discoveries, or any of them, all such pplication including any and all provisionals, substitutions, divisions, and continuations anted for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment h Letters Patent may be granted, as fully and entirely as the same would have been held not been made.
Office, any other patent offices, and under the Pa	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 aments in connection with such applications as the Assignee may deem necessary or
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Attorney Docket No.: BIO6513	ZUSNP	į
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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 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

RECORDED: 10/20/2021

ILAN GOLDENBERG

ILAN GOLDENBERG	90380117 am title author of this discussion Date: 2021,08 (3.1)5,58 (8.4)0.100		01/Sep/2021
Signature		Date	

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PATENT REEL: 057847 FRAME: 0448