PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4024354

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASSAF GOVARI	07/13/2016
YARON EPHRATH	06/28/2016
ANDRES CLAUDIO ALTMANN	06/28/2016
ISRAEL ZILBERMAN	06/28/2016

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:	15179090

CORRESPONDENCE DATA

Fax Number: (732)524-2808

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: 7325241163

Email: JNJUSPATENT@CORUS.JNJ.COM

Correspondent Name: JOSEPH F. SHIRTZ, ESQ.

Address Line 1: ONE JOHNSON & JOHNSON PLAZA Address Line 4: **NEW BRUNSWICK, NEW JERSEY 08933**

ATTORNEY DOCKET NUMBER:	BIO5623USNP
NAME OF SUBMITTER:	JOAN R. THIEL
SIGNATURE:	/Joan R. Thiel/
DATE SIGNED:	08/25/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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PATENT REEL: 039543 FRAME: 0675

PATENT REEL: 039543 FRAME: 0676

		Attorney Docket No.: BIO5623USNP
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	TEMPERATURE CONT	ROLLED SHORT DURATION ABLATION
This declaration and assign	nment is directed to:	The attached or filed herewith application of (list of named inventors),
	Or	
8 au la madia m		The United States application or PCT international application number 15/179.090 filed on June 10, 2016.
Declaration		
	ned inventor, I hereby decl	
The above-identit	fied application ("Applicat	ion") was made or authorized by me.
I believe that I an	the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
	rial to patentability as de-	uts 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
		statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or 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 Israel inafter designated as the "Assignee"),
		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 va assigned and transferred to		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority of States, European Patent C such inventions or discov- continuations thereof, and supplementary protection of and enjoyment to the full of	to the Application, all involution to the Application, all involveries and all rights in second all Letters Patent that pertificates, 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 ntries, 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 of any reexamination of any	fices, and under the Paten of such applications, and	h the Application in the United States Patent and Trademark Office, European Patent t Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, if any patent term extensions or supplementary protection certificates of any such not in connection with such applications as the Assignee may deem necessary or
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Attorney Docket No .: BIO5623USNP

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 yest 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.

EGAL NAI	ME OF INVENTOR			
	ASSAF GOVARI		July 13, 2016 Date	
gnature	assaf govari	······································	J Date	
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	Attorney Docket No.: BIO5623USNP
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: TEMPERATURE CON	TROLLED SHORT DURATION ABLATION
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	
Declaration	The United States application or PCT international application number 15/179,090 filed on June 10, 2016.
As the below named inventor, I hereby de	
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.
	ents of the Application, including the claims, and I acknowledge the duty to disclose lefined 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 oth for filings of this Application in the United States of America.
Assignment	
A co	Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel proporation of the state or country of <u>Israel</u>
	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:	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 or such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and aventions or discoveries therein disclosed, and any and all Letters Patent of the United buntries, 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 nent and sale not been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ant 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: 039543 FRAME: 0679

Attorney Docket No.: BIO5623USNP

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					
Signature	YARON EPHRATH		- :	Date	
			2		

		Attorney Docket No.: BIO5623USNP
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	TEMPERATURE CONT	ROLLED SHORT DURATION ABLATION
This declaration and assign	ment is directed to:	The attached or filed herewith application of (list of named inventors),
	Or	
3 Va . 3 a		The United States application or PCT international application number 15/179,090 filed on June 10, 2016.
Declaration		
As the below nam	ed inventor, I hereby decl	are that:
The above-identifi	ied application ("Applicat	ion") was made or authorized by me.
I believe that I am	the original inventor or a	n original inventor of a claimed invention or discovery in the Application.
	rial to patentability as def	its 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 or for filings of this Application in the United States of America.
Assignment		
		Biosense Webster (Israel) Ltd. 4 Hatmufa Street Yokneam, 2066717 Israel coration of the state or country of Israel inafter designated as the "Assignee"),
I hereby acknowle which is hereby conformed	dge that I have assigned 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:
er		
For good and val assigned and transferred to		sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to States, European Patent O such inventions or discovi- continuations thereof, and supplementary protection of	o the Application, all invertice and of all other countries and all rights in a to all Letters Patent that entitieates, reexaminations 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 atries, 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, 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 not and sale not been made.
Office, any other patent off any reexamination of any	ices, and under the Patent of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, I any patent term extensions or supplementary protection certificates of any such at in connection with such applications as the Assignee may deem necessary or

Attorney Docket No.: BIO5623USNP

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 NA	ME OF INVENTOR		
	J. V. 2/6	29 June	200/6
Signature	ANDRES CLAUDIO ALTMANN	Date	

		Attorney Docket No.: BIOS623USNP
CON	1BINED	DECLARATION AND ASSIGNMENT
Title of Invention: TEMPERATU	TRE CON	FROLLED SHORT DURATION ABLATION
This declaration and assignment is directed	ed to:	The attached or filed herewith application of (list of named inventors),
	Or	
:	\boxtimes	The United States application or PCT international application number 15/179,090 filed on June 10, 2016.
Declaration		
As the below named inventor, I	hereby dec	clare that:
The above-identified application	("Applies	ation") was made or authorized by me.
I believe that I am the original in	ventor or	an original inventor of a claimed invention or discovery in the Application.
	oility as de	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
		ic 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.
Assignment		
		Biosense Webster (Israel) Ltd. 4 Hatnufa Street Yokneam, 2066717 Israel poration of the state or country of Israel einafter designated as the "Assignee"),
		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 conside assigned and transferred to Assignee:	ration, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applicat States, European Patent Office and of al such inventions or discoveries and all continuations thereof, and to all Letters supplementary protection certificates, rec	ion, all invalued in the control of	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 sent and sale not been made.
Office, any other patent offices, and unde any reexamination of any of such applic	r the Pater cations, ar	ith the Application in the United States Patent and Trademark Office, European Patent int Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and 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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Attorney Docket No.: BIO5623USNP

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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 NAM	IE OF INVENTOR	j		
		4	28 June 20/6.	
Signature	ISRAEL ZILBERN		Date	