503977781 08/25/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEY	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	ΔΤΑ					
	Execution Date					
ASSAF GOVARI			07/13/2016			
YARON EPHRATH			06/28/2016			
ANDRES CLAUDIO AL	TMANN		06/28/2016			
ISRAEL ZILBERMAN			06/28/2016			
RECEIVING PARTY D	ΑΤΑ					
Name:	BIOSE	NSE WEBSTER (ISRAEL) LTD.				
Street Address:	4 HAT	4 HATNUFA STREET				
City:	YOKN	YOKNEAM				
State/Country:	ISRAE	ISRAEL				
Postal Code:	20667	2066717				
PROPERTY NUMBER Property Type		Number				
Application Number:		15179196				
CORRESPONDENCE	DATA					
Fax Number:		(732)524-2808				
		o the e-mail address first; if that is d; if that is unsuccessful, it will be				
-		7325241163				
		JNJUSPATENT@CORUS.JNJ.COM				
•		JOSEPH F. SHIRTZ, ESQ.				
Address Line 1: Address Line 4:		ONE JOHNSON & JOHNSON PLAZ NEW BRUNSWICK, NEW JERSEY				
		,				
	IOMBER:		BIO5623USNP3			
NAME OF SUBMITTER	:	JOAN R. THIEL				
NAME OF SUBMITTER SIGNATURE:	:	/Joan R. Thiel/				
ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:		/Joan R. Thiel/ 08/25/2016	Doth/Doolaration (27 OED 1 60)			
NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	:	/Joan R. Thiel/ 08/25/2016	Dath/Declaration (37 CFR 1.63).			
NAME OF SUBMITTER SIGNATURE:		/Joan R. Thiel/ 08/25/2016 This document serves as an C	Dath/Declaration (37 CFR 1.63).			

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Attorney	Docket	No.:	BIO5623	USNP3
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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: <u>TEMPERATURE CONTROLLED SHORT DURATION ABLATION</u>

This declaration and assignment is directed to:

The attached or filed herewith application of (list of named inventors)

Or

 \boxtimes

The United States application or PCT international application number <u>15/179,196</u> filed on <u>June 10, 2016</u>.

Declaration

As the below named inventor, I hereby declare that:

The above-identified application ("Application") 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 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. <u>4 Hatnufa Street</u> <u>Yokneam, 2066717 Israel</u> A corporation of the state or country of <u>Israel</u> (bereinafter 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:

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.

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.

1

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

ASSAF GOVARI

July 13, 2016 Date

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Attorney Docket No.:	BIO5623USNP3
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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.

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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 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 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.

LEGAL NAME OF INVENTOR

Signature

YARONEPHRATH

<u> 25- Jun - 2011</u> Date

	Attorney Docket No.: BIO5623USNP3
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>TEMPERATURE CONT</u>	ROLLED SHORT DURATION ABLATION
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Or	
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The above-identified application ("Application ("Applicati	tion") was made or authorized by me.
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Assignment	
	Biosense Webster (Israel) Ltd. <u>4 Hatnufa Street</u> <u>Yokneam, 2066717 Israel</u> poration of the state or country of <u>Israel</u> binafter 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:
67 7	
For good and valuable consideration, the assigned and transferred to Assignce:	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	he 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 ant and sale not been made.
Office, any other patent offices, and under the Paten any reexamination of any 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, d any patent term extensions or supplementary protection certificates of any such nts in connection with such applications as the Assignee may deem necessary or

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expedient.

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

Signature ANDRES CLAUDIO ALTMANN

28 June 2016 Date

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95

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:

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.

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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

Signature

ISRAEL ZILBÖRMAN

Lone 20/6. Date

2

PATENT REEL: 039544 FRAME: 0060

RECORDED: 08/25/2016