# 504781634 02/16/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4828365

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYAN	ICE:	ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
DROR BERMAN			12/01/2017		
ASSAF PRESSMAN			12/19/2017		
RECEIVING PARTY DA	ТА				
Name:	BIOSENSE WEBSTER (ISRAEL) LTD.				
Street Address:	4 HATNUFA STREET				
City:	YOKNEAM				
State/Country:	ISRAEL				
Postal Code:	2066717				
PROPERTY NUMBERS Property Type	Total: 1	Number	]		
Application Number: 1		15799254			
CORRESPONDENCE D	ΑΤΑ				
		(215)568-6499			
•		the e-mail address first; if that is uns	,		
using a fax number, if p	providea	, il that is unsuccessiui, it will be ser			
using a fax number, if p Phone:		215-568-6400			
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Phone: Email: Correspondent Name: Address Line 1:		215-568-6400 spadilla@vklaw.com			
Phone: Email: Correspondent Name:		215-568-6400 spadilla@vklaw.com VOLPE AND KOENIG, P.C.			
Phone: Email: Correspondent Name: Address Line 1:		215-568-6400 spadilla@vklaw.com VOLPE AND KOENIG, P.C. 30 SOUTH 17TH STREET			

ATTORNEY DOCKET NUMBER:	JNJBIO-5884USNP/ID-1061VK
NAME OF SUBMITTER:	ABHIK HUQ
SIGNATURE:	/Abhik Huq/
DATE SIGNED:	02/16/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 4**

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				Attorney Docket No.: JNJ-B	IO5884USNP
	COMBINEI	D DECLARATIO	VAND ASSIGN	MENT	
Title of Invention: <u>METHO</u>	D AND SYSTE	M FOR GAP DETEC	TION IN ABLATIC	NLINES	
This declaration and assignment is		n The design of grander of the second sec		a president per	
		The attached or file	I herewith application	of (list of named inventors)_	
	Or				
	×	The United States ap number 15/799.254	oplication or PCT inte filed on <u>October 31.</u>	rnational application	
Declaration					
As the below named inve	ntor. I hereby de	clare that			
The above-identified appl	ication ("Applic	ation") was made or au	thorized by me.		
I believe that I am the orig	ginal inventor or	an original inventor of	a claimed invention c	or discovery in the Applicatio	n. etereteri
I have reviewed and und- nformation which is material to p his Application in the United Stat	atentability as d	ents of the Application effined in Title 37, the	, including the claim United States Code o	s, and I acknowledge the du f Federal Regulations, §1.56	ty to disclose for filings of
I hereby acknowledge the pprisonment of not more than five	it any willful fals e (5) years, or bo	se statement made in the statement of this Aj	its declaration is pun oplication in the Unite	ishable under 18 U.S.C. § 10 ed States of America.	101 by fine or
ssignment					
gan Territoria da seconda de secon Alterna de seconda de s Alterna de seconda de s		Biosense Webster (1			
		<u>4 Hatnufa Str</u> Yokneam, 206671			
		rporation of the state or	country of <u>Israel</u>		
	(ner	reinafter designated as i	he "Assignee"),		
I hereby acknowledge that which is hereby conformed for reco	t I have assigned ordation in the U	d the above-identified i S Patent Office and I c	avention by previous onfirm I have and do	assignment (attached hereto) assign and transfer:	) to Assignee
For good and valuable c ssigned and transferred to Assigned	onsideration, the e:	e sufficiency of which	i is acknowledged, I	hereby assign and transfer	and/or have
ay entire right, title, and interest in be right to claim priority to the Ay states. European Patent Office an uch inventions or discoveries ar ontinuations thereof, and to all L upplementary protection certificat and enjoyment to the full end of th	pplication, all in d of all other co xd all rights in .etters Patent the es, reexamination	ventions or discoveries suntries, which may be such Application incl at may be granted for ns, renewals, and reiss	therein disclosed, an granted for such invo- uding any and all p said inventions and set thereof, to be held	id any and all Letters Patent of cations or discoveries, or any movisionals, substitutions, d discoveries, and in and to al and enjoyed by Assignee fo	of the United of them, all ivisions, and ll extensions, r its own use

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.

Attorney Docket No.: JNJ-BIO5884USNP

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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 relasue 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.

Dror Berman

Signature

01-05c-2017

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### PATENT REEL: 044953 FRAME: 0921

		Attorney Docket No.: JNJ-BIO5884USNP
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: <u>MET</u> This declaration and assignme		1 FOR GAP DETECTION IN ABLATION LINES
This declaration and assigning		The attached or filed herewith application of (list of named inventors),
	Or	
	$\boxtimes$	The United States application or PCT international application number 15/799,254 filed on October 31, 2017.
Declaration		hander <u>137723,234</u> filed on <u>Octoper 13, 2017</u> .
As the below named	inventor, I hereby dec	lare that:
The above-identified	application ("Applica	tion") was made or authorized by me.
I believe that I am th	e 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  $\square$ which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

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

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.

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Attorney Docket No.: JNJ-BIO5884USNP

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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.

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.

Assaf Pressman

Signature

19/12/2017

Date

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## PATENT REEL: 044953 FRAME: 0923

**RECORDED: 02/16/2018**