

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3267661

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASSAF GOVARI	11/26/2014
ANDRES CLAUDIO ALTMANN	11/26/2014
YARON EPHRATH	11/26/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BIOSENSE WEBSTER (ISRAEL) LTD.
<b>Street Address:</b>	4 HATNUFA STREET
<b>City:</b>	YOKNEAM
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	2066717
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14548991
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)524-2808
<i>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.</i>	
<b>Phone:</b>	732-524-2218
<b>Email:</b>	JNJUSPATENT@CORUS.JNJ.COM
<b>Correspondent Name:</b>	BERNARD F. PLANTZ
<b>Address Line 1:</b>	ONE JOHNSON & JOHNSON PLAZA
<b>Address Line 4:</b>	NEW BRUNSWICK, NEW JERSEY 08933
<b>ATTORNEY DOCKET NUMBER:</b>	BIO5226
<b>NAME OF SUBMITTER:</b>	ANN V. NICHOLSON
<b>SIGNATURE:</b>	/Ann V. Nicholson/
<b>DATE SIGNED:</b>	03/17/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 9</b>	
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**אימות חתימה**

אני החתום

אריה זטלר, נוטריון

בקניון G, רחוב התמר, יקנעם עילית

מאשר כי ביום 26 בנובמבר 2014 ניצב לפני במשרי  
 מר אפרת ירון ת"ז מסי 029611704 שניתן ביום 14.04.2008 בהדרה  
 וחתימת מרצונו החופשי על המסמך המצורף באות "A".

ולראיה חנני מאמת את חתימתו של מר אפרת ירון ח"ה בחתימת ידי ובהחתמי, היום 26.11.2014.

שכר בסך 166 ש"ח + מע"מ שולם

**Authentication of Signature**

I, the undersigned,

Aryeh Zetler, Notary,

of G Center, Hatamar Street, Yokneam Elite, Israel

do hereby certify that on 26 November 2014 there appeared before me at my office  
 Mr. Yaron Ephrath identity no. 029611704 issued on 14.04.2008 at Hadera  
 and signed the attached document marked "A" of their own free will.

In witness whereof I hereby authenticate the signature of Mr. Yaron Ephrath by my  
 signature and seal on 26.11.2014.

Fees in the amount of 166 shekels plus Value Added Tax have been paid.



# COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: ESTIMATION AND MAPPING OF ABLATION VOLUME

As the below named inventor, I hereby declare that:

This declaration is directed to: ☐ The attached application, or  
☒ The United States application or PCT international application  
 number 14/548,991 filed on November 20, 2014.

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 is 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.

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

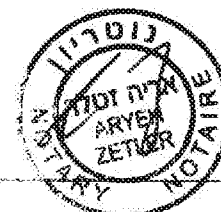
Biosense Webster (Israel) LTD.  
4 Hatnufa Street  
Yokneam, Israel 20692  
 (Name and Address)

A corporation of the state or country of Israel

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, 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 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 them had this assignment and sale not been made.

I agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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.

I agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 and 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.



Attorney Docket No.: \_\_\_\_\_

I agree to 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 agree to 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, 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 the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

Aaron Ephraim  
LEGAL NAME OF INVENTOR

Signature

November 26, 2014  
Date

☐ I hereby acknowledge that I have also assigned the above-identified invention by General Assignment (attached hereto) which is hereby conformed for recordation in the US Patent Office.

# ACKNOWLEDGMENT

Acknowledged before me, Aryeh Zetler, Notary, within and for said State of Israel.  
Witness my hand and Notarial Seal this 26<sup>th</sup> day of November, 2014.

Notary

Aryeh Zetler  
Printed Name



**אימות חתימה**

אני החתום

אריה זטלר, נטריון

בקניון G, רחוב התמר, יקנעם עלית

מאשר כי ביום 26 בנובמבר 2014 ניצבו לפני במשרדי

מר אלטמן אנדרס קלאודיו ת"ז מס' 015193725 שניתנה ביום 29.05.2000 בחיפה

וחתם מרצות החופשי על המסמך המצורף באות "A".

ולראיה הנני מאמת את חתימתו של מר אלטמן אנדרס קלאודיו ח"ה בחתימת ידי ובחותמי, היום  
26.11.2014

שכר בסך 166 ש"ח + מע"מ שולם

**Authentication of Signature**

I, the undersigned,

Aryeh Zetler, Notary,

of G Center, Hatamar Street, Yokneam Elite, Israel

do hereby certify that on 26 November 2014 there appeared before me at my office  
Mr. Andres Claudio Altmann identity no. 015193725 issued on 29.05.2000 at Haifa  
and signed the attached document marked "A" of their own free will.

In witness whereof I hereby authenticate the signature of Mr. Andres Claudio Altmann by  
my signature and seal on 26.11.2014.

Fees in the amount of 166 shekels plus Value Added Tax have been paid.



# COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: ESTIMATION AND MAPPING OF ABLATION VOLUME

As the below named inventor, I hereby declare that:

This declaration is directed to: ☐ The attached application, or  
☒ The United States application or PCT international application  
number 14/548,991 filed on November 20, 2014.

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 s 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.

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

Biosense Webster (Israel) LTD.  
4 Hatnufa Street  
Yokneam, Israel 20692  
(Name and Address)

A corporation of the state or country of  
Israel

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, 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 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 them had this assignment and sale not been made.

I agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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.

I agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries 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 and 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.



Attorney Docket No.: \_\_\_\_\_

I agree to 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 agree to 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, 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 the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

Jedres Claudio Altmann  
LEGAL NAME OF INVENTOR



Signature 

November 26, 2014  
Date

☐ I hereby acknowledge that I have also assigned the above-identified invention by General Assignment (attached hereto) which is hereby conformed for recordation in the US Patent Office.

ACKNOWLEDGMENT

Acknowledged before me, Aryeh Zetler, Notary, within and for said State of Israel.  
Witness my hand and Notarial Seal this 26<sup>th</sup> day of November, 2014.

  
\_\_\_\_\_  
Aryeh Zetler  
Printed Name  




**אימות חתימה**

אני החתום

אריה זטלר, נטריון

בקניון G, רחוב התמר, יקנעם עילית

מאשר כי ביום 26 בנובמבר 2014 ניצב לפני ברח' התנופה 4, יקנעם  
 מר גובארי אסף ת"ז מס' 022590905 לפי דרכון מס' 10942909 שניתן ביום 08.09.2009 בת"א  
 וחתם מרצונו החופשי על המסמך המצורף באות "A".  
 ולראיה הנני מאמת את חתימתו של מר גובארי אסף ה"ה בחתימת ידי ובחותמי, היום 26.11.2014.  
 שכר בסך 704 ₪ + מע"מ שולם

**Authentication of Signature**

I, the undersigned,

Aryeh Zetler, Notary,

of G Center, Hatamar Street, Yokneam Elite, Israel

do hereby certify that on 26 November 2014 there appeared before me at 4 Hatnufa St.,  
 Yokneam

Mr. Assaf Govari identity No. 022590905 according to passport no. 10942909 issued on  
 08.09.2009 at Tel Aviv, Israel and signed the attached document marked "A" of his own  
 free will.

In witness whereof I hereby authenticate the signature of Mr. Assaf Govari by my  
 signature and seal on 26.11.2014.

Fees in the amount of 704 shekels plus Value Added Tax have been paid.



# COMBINED DECLARATION AND ASSIGNMENT

TITLE of Invention: ESTIMATION AND MAPPING OF ABLATION VOLUME

As the below named inventor, I hereby declare that:

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

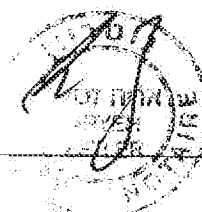
Biosense Webster (Israel) LTD.  
4 Hatnufa Street  
Yokneam, Israel 20692  
 (Name and Address)

A corporation of the state or country of Israel

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, 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 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 them had this assignment and sale not been made.

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Attorney Docket No.: \_\_\_\_\_

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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.

Assaf Govari  
LEGAL NAME OF INVENTOR

Signature

*[Handwritten Signature]*

November 26, 2014  
Date

☒ I hereby acknowledge that I have also assigned the above-identified invention by General Assignment (attached hereto) which is hereby conformed for recordation in the US Patent Office.

ACKNOWLEDGMENT

Acknowledged before me, Aryeh Zetler, Notary, within and for the State of Israel.

Witness my hand and Notarial Seal this 26 day of November, 2014.

*[Handwritten Signature]*  
Notary

Aryeh Zetler  
Printed Name

