

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Debby Grunewald</td> <td>06/14/2012</td> </tr> <tr> <td>Meir Bar-Tal</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Debby Grunewald	06/14/2012	Meir Bar-Tal	06/06/2012				
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Meir Bar-Tal	06/06/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Biosense Webster (Israel), Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>4 Hatnufa Street</td> </tr> <tr> <td>City:</td> <td>Yokneam</td> </tr> <tr> <td>State/Country:</td> <td>ISRAEL</td> </tr> <tr> <td>Postal Code:</td> <td>20692</td> </tr> </table>		Name:	Biosense Webster (Israel), Ltd.	Street Address:	4 Hatnufa Street	City:	Yokneam	State/Country:	ISRAEL	Postal Code:	20692
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13463330</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13463330						
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CORRESPONDENCE DATA											
<p>Fax Number: 7325242808  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732 524-6656        Email: jnjuspatent@its.jnj.com        Correspondent Name: William Schoneman        Address Line 1: One Johnson &amp; Johnson Plaza        Address Line 4: New Brunswick, NEW JERSEY 08933</p>											
ATTORNEY DOCKET NUMBER:	BIO5309										
NAME OF SUBMITTER:	Maureen Halvorsen										
<p>Total Attachments: 6        source=BIO5309USCIP1_ExecAssignment#page1.tif        source=BIO5309USCIP1_ExecAssignment#page2.tif        source=BIO5309USCIP1_ExecAssignment#page3.tif        source=BIO5309USCIP1_ExecAssignment#page4.tif        source=BIO5309USCIP1_ExecAssignment#page5.tif        source=BIO5309USCIP1_ExecAssignment#page6.tif</p>											

CH \$40.00 13463330

A S S I G N M E N T

WHEREAS, Debby Grunewald and Meir Bar-Tal residing at 123 S. Figueroa Street, Apt. 1543, Los Angeles, CA 90012 USA and Tabenkin 14, Haifa 32240, Israel respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

CATHETER ADAPTED FOR DIRECT TISSUE CONTACT AND PRESSURE SENSING

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Biosense Webster (Israel), Ltd. a corporation of Israel, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

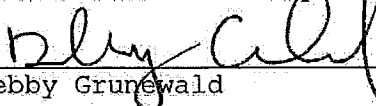
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

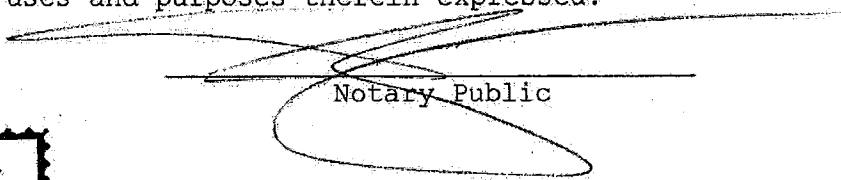
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 04 day of JUNE 2012.

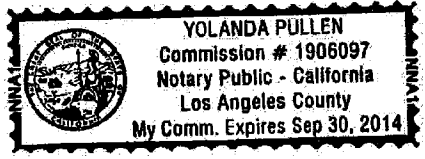
  
\_\_\_\_\_  
Debby Grunewald (L.S.)

\_\_\_\_\_  
Meir Bar-Tal (L.S.)

State of California  
COUNTY OF Los Angeles ss.

BE IT REMEMBERED, That on this 4th day of June 2012, before me, a Notary Public, personally Debby Grunewald and ~~Meir Bar-Tal~~, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

  
\_\_\_\_\_  
Notary Public



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1169

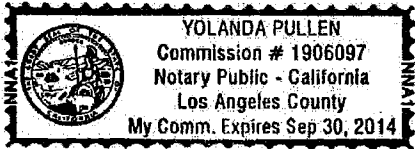
State of California

County of Los Angeles

On June 4, 2012 before me, Yolanda Pullen, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Debby Brunerwald  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ ~~she~~ they executed the same in ~~his~~ ~~her~~ their authorized capacity(ies), and that by ~~his~~ ~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Handwritten Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_ Signer's Name: \_\_\_\_\_

Corporate Officer — Title(s): \_\_\_\_\_  Corporate Officer — Title(s): \_\_\_\_\_

Individual  Partner —  Limited  General  Individual  Partner —  Limited  General

Attorney in Fact  Attorney in Fact

Trustee  Trustee

Guardian or Conservator  Guardian or Conservator

Other: \_\_\_\_\_  Other: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signer Is Representing: \_\_\_\_\_ Signer Is Representing: \_\_\_\_\_

\_\_\_\_\_

No. 182/2012

מס' 182/2012

## אימות חתימה

אני החתום

אריה זטלר, נוטריון

בקניון דרכים, רחוב התמר, יקנעם עילית

מאשר כי ביום 6 ביוני 2012 ניצב לפני במשרדי

מר בר-טל מאיר ת"ז מס' 056158470 שניתנה ביום 13.10.1999 בחדרה

וחתם מרצונו החופשי על המסמך המצורף באות "A".

ולראיה הנני מאמת את חתימתו של מר בר-טל מאיר ה"ה בחתימת ידי ובהותמי, היום 06.06.2012.

שכר בסך 160 ש"ח + מע"מ שולם

### Authentication of Signature

I, the undersigned,

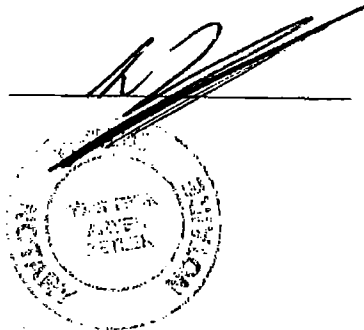
Aryeh Zetler, Notary,

of Drachim Center, Hatamar Street, Yokneam Elite, Israel

do hereby certify that on 6 June 2012 there appeared before me at my office Mr. Meir Bar-Tal identity No. 056158470 issued on 13.10.1999 at Hadera, Israel and signed the attached document marked "A" of his own free will.

In witness whereof I hereby authenticate the signature of Mr. Meir Bar-Tal by my signature and seal on 06.06.2012.

Fees in the amount of 160 shekels plus Value Added Tax have been paid.



PATENT

REEL: 029478 FRAME: 0255

"A"

DOCKET NO. BIO5309USCIP1

Joint Inventors

A S S I G N M E N T

WHEREAS, Debby Grunewald and Meir Bar-Tal residing at 123 S. Figueroa Street, Apt. 1543, Los Angeles, CA 90012 USA and Tabenkin 14, Haifa 32240, Israel respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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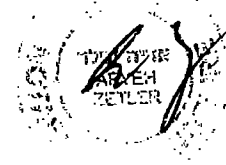
for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Biosense Webster (Israel), Ltd. a corporation of Israel, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above



PATENT

REEL: 029478 FRAME: 0256

"A"

described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

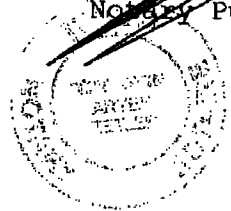
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 6 day of June 2012.

\_\_\_\_\_  
Debby Grunewald (L.S.)

\_\_\_\_\_  
Meir Bar-Tal (L.S.)

) ss.  
COUNTY OF )

BE IT REMEMBERED, That on this 6 day of June, 2012, before me, a Notary Public, personally Debby Grunewald and Meir Bar-Tal, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

\_\_\_\_\_  
Notary Public  


PATENT