

## 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>Roger Fell</td> <td>09/14/2012</td> </tr> <tr> <td>Benjamin Cottrill</td> <td>09/14/2012</td> </tr> <tr> <td>Les Halberg</td> <td>09/15/2012</td> </tr> <tr> <td>Michael Labbe</td> <td>09/14/2012</td> </tr> <tr> <td>Joey Chen</td> <td>09/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Roger Fell	09/14/2012	Benjamin Cottrill	09/14/2012	Les Halberg	09/15/2012	Michael Labbe	09/14/2012	Joey Chen	09/15/2012
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RECEIVING PARTY DATA													
Name:	Greatbatch Ltd.												
Street Address:	10000 Wehrle Drive												
City:	Clarence												
State/Country:	NEW YORK												
Postal Code:	14031												
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>13606921</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13606921								
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CORRESPONDENCE DATA													
Fax Number:	2165796073												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	216.579.1700												
Email:	phaupt@pearne.com												
Correspondent Name:	Pearne & Gordon LLP Greatbatch (QIG)												
Address Line 1:	1801 East 9th Street, Suite 1200												
Address Line 4:	Cleveland, OHIO 44114-3106												
ATTORNEY DOCKET NUMBER:	QIG-49955												
NAME OF SUBMITTER:	Robert F. Bodi												
Total Attachments: 6													

CH \$40.00 13606921

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## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

### **METHOD OF MINIMIZING INTERRUPTIONS TO IMPLANTABLE MEDICAL DEVICE RECHARGING**

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date(s) indicated on the Declaration by the same, which application is further identified as Pearne & Gordon LLP Docket No. **QIG-49955** and **QiG Ref No.: 205**.

WHEREAS, Greatbatch Ltd., having a place of business at 10000 Wehrle Drive, Clarence, New York 14031, USA, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grant the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Roger B Fell  
Roger Fell

Date: 9-14-12

Post Office Address: 32796 Coventry Court  
Avon Lake, OH 44012

STATE OF Ohio }  
COUNTY OF Cuyahoga } ss.

The above named Roger Fell, known to me, appeared before me this 14th day of September, 2012, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Donald J. Firca, Jr.  
Notary Public

(Notarial Seal)

My commission expires: \_\_\_\_\_

**DONALD J. FIRCA, JR**  
**Notary Public**  
**State of Ohio**  
**Commission Has No Expiration**

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

 Date: 2017-09-14  
Benjamin Cottrill

Post Office Address: 360 Dalwood Drive  
Cleveland, OH 44110

STATE OF Ohio }  
COUNTY OF Cuyahoga } ss.

The above named Benjamin Cottrill, known to me, appeared before me this 14th day of September, 2012, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

  
Notary Public

(Notarial Seal)

My commission expires: \_\_\_\_\_

**DONALD J. FIRCA, JR**  
**Notary Public**  
**State of Ohio**  
**Commission Has No Expiration**

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Les Halberg  
Les Halberg

Date: 9/15/2012

Post Office Address: 23014 Weymouth Place  
Valencia, CA 91354

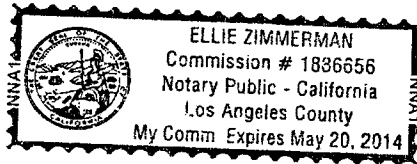
STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) ss.

The above named Les Halberg, known to me, appeared before me this 15<sup>TH</sup>  
day of SEPT., 2012, and acknowledged that the foregoing instrument  
was executed as his free act and deed for the uses and purposes therein set forth.

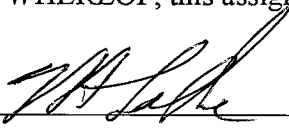
Ellie Zimmerman  
Notary Public

(Notarial Seal)

My commission expires: MAY 20, 2014



IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

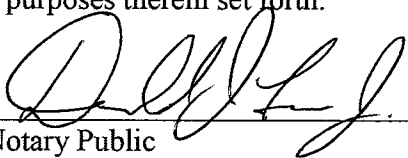
  
Michael Labbe

Date: 9/14/12

Post Office Address: 9324 Wallingford Drive  
Twinsburg, OH 44087

STATE OF Ohio }  
COUNTY OF Cuyahoga } ss.

The above named Michael Labbe, known to me, appeared before me this 14<sup>th</sup>  
day of September, 2012, and acknowledged that the foregoing instrument  
was executed as his free act and deed for the uses and purposes therein set forth.

  
Notary Public

(Notarial Seal)  
My commission expires: \_\_\_\_\_

**DONALD J. FIRCA, JR**  
**Notary Public**  
**State of Ohio**  
**Commission Has No Expiration**

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

*[Signature]* Date: 9/15/12  
Joey Chen

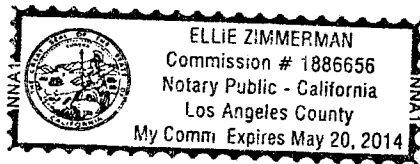
Post Office Address: 24811 Avenida Presidio  
Valencia, CA 91355

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) ss.

The above named Joey Chen, known to me, appeared before me this 15<sup>TH</sup> day of SEPTEMBER, 2012, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

*[Signature]*  
Notary Public

(Notarial Seal)



My commission expires: MAY. 20. 2014