501765823 12/22/2011

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard J. Polefko	12/16/2011
David J. Howard	12/20/2011
Scott G. Leyh	12/16/2011
Steven E. Wilder	12/16/2011

RECEIVING PARTY DATA

Name:	Greatbatch Ltd.	
Street Address:	10000 Wehrle Drive	
City:	Clarence	
State/Country:	NEW YORK	
Postal Code:	14031	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13334361	

CORRESPONDENCE DATA

Fax Number: (414)277-0656 Phone: 414-271-6560

Email: madipdocket@michaelbest.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Michael Best & Friedrich LLP
Address Line 1: 100 East Wisconsin Avenue
Address Line 4: Milwaukee, WISCONSIN 53202

ATTORNEY DOCKET NUMBER: 029267-9019-US00

NAME OF SUBMITTER: Sheldon L. Wolfe

Total Attachments: 3

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> PATENT REEL: 027432 FRAME: 0645

OP \$40.00 1333436

ASSIGNMENT

Pursuant to our obligation to Greatbatch Ltd. (hereinafter referred to as "Assignee"), having its principal place of business at:

10000 Wehrle Drive Clarence, NY 14031

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Richard J. Polefko 9008 Running Brook Drive Parma, OH 44130

David J. Howard 5240 Amanda Court North Ridgeville, OH 44039

Scott G. Leyh 3204 Redwood Road, Apt. 9 Cleveland Heights, OH 44118

Steven E. Wilder 2618 Silver Fox Trail Ashland, OH 44805

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to inventions described in a patent application titled "COMMUNICATION FOR IMPLANTABLE MEDICAL DEVICES" for which we filed United States Patent Application No. 13/334361 (Atty. File No. 029267-9019-US00) (hereinafter the "U.S. utility patent application");
- (2) in and to the U.S. utility patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and agree that any patent applications of any foreign countries which may be filed shall be filed

PATENT REEL: 027432 FRAME: 0646 in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application.

We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

12/16/2011	Avend I Volke
Date	Richard J. Polefko
Date	David J. Howard
12 116 120 11 Date	Scott & Leyh
12/16/2011	Schrig. Leyn
Date	Steven F Wilder

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in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application.

We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date December 20, 2011	Richard J. Polefko
Date '	David J. Howard
Date	Scott G. Leyh
Date	Steven E. Wilder

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