

## PATENT ASSIGNMENT

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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>Norbert Kaula</td> <td>08/31/2012</td> </tr> <tr> <td>Yohannes Iyassu</td> <td>08/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Norbert Kaula	08/31/2012	Yohannes Iyassu	08/31/2012				
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Yohannes Iyassu	08/31/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Greatbatch Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>10000 Wehrle Drive</td> </tr> <tr> <td>City:</td> <td>Clarence</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14031</td> </tr> </table>		Name:	Greatbatch Ltd.	Street Address:	10000 Wehrle Drive	City:	Clarence	State/Country:	NEW YORK	Postal Code:	14031
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PROPERTY NUMBERS Total: 1											
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Application Number:	13601631										
CORRESPONDENCE DATA											
<p>Fax Number: 2142000853          Phone: 214-651-5000          Email: ipdocketing@haynesboone.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Haynes and Boone LLP          Address Line 1: 2323 Victory Avenue          Address Line 2: Suite 700          Address Line 4: Dallas, TEXAS 75219</p>											
ATTORNEY DOCKET NUMBER:	46901.27/QIG099										
NAME OF SUBMITTER:	Eric Q. Li										
Total Attachments: 2 source=QiG099Assignment#page1.tif source=QiG099Assignment#page2.tif											

OP \$40.00 13601631

**ASSIGNMENT**

WHEREAS, We,

Norbert Kaula

Arvada  
State of Colorado, USA

Yohannes Iyassu

Denver  
State of Colorado, USA

have invented certain improvements in

**PROGRAMMING AND VIRTUAL REALITY REPRESENTATION OF  
STIMULATION PARAMETER GROUPS**

for which:

We have filed an application for Letters Patent of the United States of America on 06/31/2012, as Application Serial No. 13/601,631. We hereby authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.); and

WHEREAS, Greatbatch Ltd. (Assignee), a corporation organized and existing under the laws of the State of New York, having its principal office and place of business at 10000 Wehrle Drive, in the City of Clarence, State of New York, 14031, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Greatbatch Ltd., its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, or continuing applications thereof including continuations-in-part, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Greatbatch Ltd., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

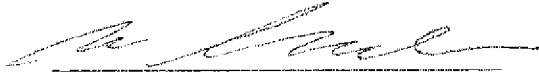
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said Greatbatch Ltd., its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional,

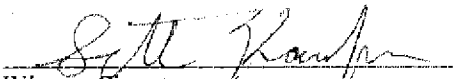
renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Greathatch Ltd., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Norbert Kaula  
Residence Address: 8258 West 72 Avenue  
Arvada, CO 80005

Dated: AUG 31 2012


  
Inventor Signature

Dated: 8/31/2012

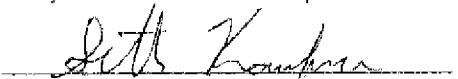
  
Witness Signature  
Witness Name: Seth Kaufman

Second Inventor Name: Yohannes Iyassu  
Residence Address: 1350 Grant Street, Apt. 723  
Denver, CO 80203

Dated: 3/AUG/2012

  
Inventor Signature

Dated: 8/31/2012

  
Witness Signature  
Witness Name: Seth Kaufman