502502310 09/19/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen C. Trier	09/16/2013

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:	14011156

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	46901.64
NAME OF SUBMITTER:	Eric Q. Li
Signature:	/Eric Q. Li/
Date:	09/19/2013

Total Attachments: 4

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PATENT REEL: 031242 FRAME: 0871 \$40,00 1401156

ASSIGNMENT

WHEREAS, We,

Scott Drees, of Dallas, State of Texas, USA;

Norbert Kaula, of Arvada, State of Colorado, USA;

Yohannes Iyassu, of Denver. State of Colorado, USA;

Scott G. Leyh, of Cleveland Heights, State of Ohio, USA;

Richard J. Polefko, of Parma, State of Ohio, USA;

Stephen C. Trier, of Mayfield Heights, State of Ohio, USA; and

Raymond L. Yoder, of Willoughby, State of Ohio, USA

have invented certain improvements in

TOUCH SCREEN FINGER POSITION INDICATOR FOR A SPINAL CORD STIMULATION PROGRAMMING DEVICE

for which we have filed an application for Letters Patent of the United States of America on August 27, 2013, as Application Serial No. 14/011,156. 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.

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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 Greatbatch Ltd., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Residence Address:	Scott Drees 3010 Hood Street Dallas, Texas 75219	
Dated:		Scott Drees (Inventor Signature)
Dated:		Witness Signature Witness Name:
Second Inventor Name: Residence Address:	Norbert Kaula 8258 West 72 Avenue Arvada, CO 80005	
Dated:		Norbert Kaula (Inventor Signature)
Dated:		Witness Signature Witness Name:
Third Inventor Name: Residence Address:	Yohannes Iyassu 1350 Grant Street, Apt. 7 Denver, CO 80203	723
Dated:		Yohannes Iyassu (Inventor Signature)
Dated:		Witness Signature
		Witness Name:

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PATENT REEL: 031242 FRAME: 0873

Fourth Inventor Name: Residence Address:	Scott G. Leyh 3204 Redwood Road, Ap Cleveland Heights, OH 4		
Dated:		Scott G. Leyh (Inventor Signature)	
Dated:		Witness Signature Witness Name:	
Fifth Inventor Name: Residence Address:	Richard J. Polefko 9008 Running Brook Dr Parma, Ohio 44130	ive	
Dated:		Richard J. Polefko (Inventor Signature)	
Dated:		Witness Signature Witness Name:	
Sixth Inventor Name: Residence Address:	Stephen C. Trier 1138 Mayfield Ridge R Mayfield Heights, OH		
Dated: 9/16/13		Stephen C. Trier (Inventor Signature)	
Dated: 4/16/13	·	Witness Signature Witness Name: Lyn M Trier	

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Seventh Inventor Name: Residence Address:	Raymond L. Yoder 3145 Gale Road Willoughby, Ohio 44094	
Dated:		Raymond L. Yoder (Inventor Signature)
Dated:		Witness Signature Witness Name:

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PATENT REEL: 031242 FRAME: 0875