

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Louis M. Shadeck	01/28/2008
Vikram Mullick	02/12/2008
Manfred Luedi	02/14/2008
RECEIVING PARTY DATA	
Name:	MEDTRONIC XOMED, INC.
Street Address:	6743 Southpoint Drive, N.
City:	Jacksonville
State/Country:	FLORIDA
Postal Code:	32216-0980
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12052549
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Haynes And Boone, LLP
Address Line 1:	901 Main Street
Address Line 2:	Suite 3100
Address Line 4:	Dallas, TEXAS 75202
ATTORNEY DOCKET NUMBER:	31849.101
NAME OF SUBMITTER:	Joseph R. Mencher

CH \$40.00 12052549

Total Attachments: 5
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REEL: 020737 FRAME: 0458

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ASSIGNMENT

WHEREAS, WE,

- (1) Louis M. SHADECK, residing at 8433 Southside Blvd., #1105, Jacksonville, FL 32256;
- (2) Vikram MULLICK, residing at 323 Vrooman Avenue, Amsterdam, NY 12010; and
- (3) Manfred LUEDI, residing at 13297 Gover Road, Jacksonville, FL 32226.

have invented certain improvements in **"CONTROL FOR A POWERED SURGICAL INSTRUMENT"** for which we have executed an application for Letters Patent of the United States of America,

is attached hereto.
 was filed on March 20, 2008 as United States Application No. 12/052,549 and Provisional Application No. _____, filed _____; and

WHEREAS, we hereby authorize and request the Assignee, Medtronic Xomed, Inc., to insert the filing date and application number of said application when known; and

WHEREAS, **MEDTRONIC XOMED, INC.**, and all of its subsidiary and affiliated companies, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 6743 Southpoint Drive, N., Jacksonville, Florida 32216-0980, hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States (including, without limitation, every patent application identified above) and any foreign countries which may be granted therefor including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, We are the lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered,

and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, we, or my executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 28 day of Jan, 2008.

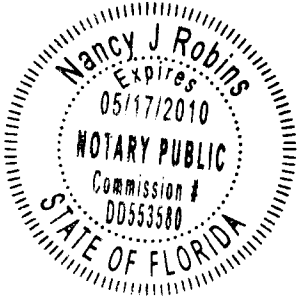
Louis M. Shadeck
Louis M. Shadeck

STATE OF FLORIDA)
) ss.
COUNTY OF DUVAL)

On this 28th day of January, 2008, before me personally appeared **Louis M. Shadeck**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Nancy J. Robins
Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand on this 12 day of February, 2008.

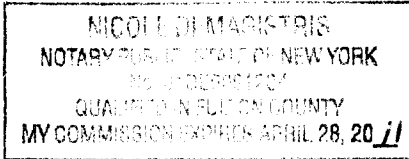
[Signature] / 12th Feb 08
[Signature] / 5th Feb 2008
Vikram Mullick

STATE OF NEW YORK)
) ss.
COUNTY OF Montgomery)

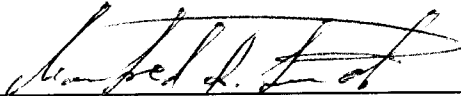
On this 12th day of February, 2008, before me personally appeared **Vikram Mullick**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

[Signature]
Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand on this 14th day of February, 2008.



Manfred Luedi

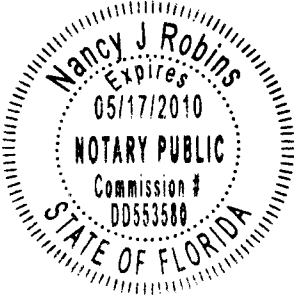
STATE OF FLORIDA)
) ss.
COUNTY OF DUVAL)

On this 14th day of February, 2008, before me personally appeared **Manfred Luedi**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



Notary Public



This is the final page of this Assignment.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**GENERAL POWER OF ATTORNEY
(For several applications filed in the USPTO)**

As a representative of the Assignee, Medtronic, Inc., a Delaware corporation, I hereby appoint the Practitioners associated with Customer Number 000046334 to act as our attorneys or agents to prosecute applications filed under Customer Number 000046334 and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence and telephone calls regarding this application to:

Haynes and Boone, LLP
901 Main Street, Suite 3100
Dallas, TX 75202-3789
(972) 739-8635
(214) 200-0853 – Fax

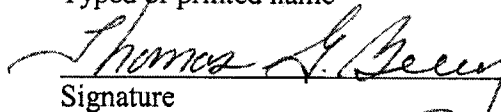
The undersigned is a representative for the Assignee of the entire right, title and interest (unless otherwise specified) in the patent application submitted herewith. A copy of the assignment or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee.

MEDTRONIC, INC.

May 12, 2005
Date

Thomas G. Berry
Typed or printed name


Signature

Vice President-Chief Patent Counsel
Title