PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			Amendment to Patent Security Agreement					
CONVEYING PARTY DATA								
N			ame	Execution Date				
CardioMEMS, Inc.				01/27/2006				
RECEIVING PARTY DATA								
Name: Medtronic, Inc.								
Street Address:	710 Medtroni	710 Medtronic Parkway						
City:	Minneapolis							
State/Country:	MINNESOTA							
Postal Code:	55432-5604							
PROPERTY NUMBERS Total: 2								
Property Type			Number					
Application Number: 11		11232	32534					
Application Number: 1123		11232	668		1232534			
CORRESPONDENCE DATA								
Fax Number: (612)492-7077								
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.								
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Email: dwest@fredlaw.com								
Correspondent Name:David C. West/Fredrikson & Byron P.A.Address Line 1:200 South Sixth Street								
Address Line 1: 200 South Sixth Street Address Line 4: Minneapolis, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:			539.428					
NAME OF SUBMITTER:			David C. West					
Total Attachments: 1 source=Amendment to Patent Security Agreement#page1.tif								

AMENDMENT TO PATENT SECURITY AGREEMENT

CardioMEMS, Inc. and Medtronic, Inc. are parties to a Patent Security Agreement dated November 18, 2005. The list of patents of CardioMEMS, Inc. on Schedule I to such agreement contains two typographical errors. The undersigned agree that such schedule is amended such that existing references to the following two patent applications:

Apparatus and method for sensor deployment and fixation	11/232,534	09/22/2005
Method and apparatus for delivery of an implantable wireless sensor for in vivo pressure measurement	11/232,534	09/22/2005

are amended to read as follows:

Apparatus and method for sensor deployment and fixation	11/232,668	09/22/2005
Method and apparatus for delivering an implantable wireless sensor for in vivo pressure measurement	11/232,534	09/22/2005

CARDIOMEMS, INC.

By DAVD Name Title ちろうのだへり CAD

STATE OF Georgia) SS COUNTY OF Fulton)

On this 27th day of Hanvary, 2006 before me personally appeared pavid Stern, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument on behalf of CardioMEMS, Inc., who being by me duly sworn did depose and say that he is an authorized officer of said corporation, that the said instrument was signed on behalf of said corporation as authorized by its Board of Directors and that he acknowledged said instrument to be the free act and deed of said corporation.

{seal}

ACCEPTED AND ACKNOWLEDGED BY:

MEDTRONIC, INC By Name Ellwein Title:

PATENT REEL: 017244 FRAME: 0370

RECORDED: 03/02/2006