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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2682183

Stylesheet Version v1	.2				
SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ATA				
		N	Name	Execution Date	
SAMEH SOWELAM				04/08/2009	
RECEIVING PARTY DATA					
Name:	Medtronic, Inc.				
Street Address:	710 Medtronic Parkway				
Internal Address:	Mail Stop LC340				
City:	Minneapolis				
State/Country:	MINNESOTA				
Postal Code:	55432				
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number: 14155		416			
Fax Number: (763)505-2530 Phone: (763) 526-0932 Email: susan.m.nienaber@medtronic.com Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: CAROL F. BARRY Address Line 1: 710 MEDTRONIC PARKWAY Address Line 2: MAIL STOP LC340 Address Line 4: MINNEAPOLIS, MINNESOTA 55432					
ATTORNEY DOCKET NUMBER:			P0024177.USC2		
NAME OF SUBMITTER:			SUSAN M. NIENABER		
Signature:			/Susan M. Nienaber/		
Date:			01/15/2014		

PATENT REEL: 031970 FRAME: 0566

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Total Attachments: 2

ASSIGNMENT

WHEREAS, I, Sameh Sowelam of #12, 161st Street, Maadi, Cairo, Egypt, am the sole inventor of <u>DETECTING WORSENING HEART FAILURE BASED ON FLUID ACCUMULATION WITH RESPIRATORY CONFIRMATION</u> for which an application for a United States Patent was filed on <u>January</u> 30, 2009, under Serial No. 12/363,264; and

WHEREAS, MEDTRONIC, INC. a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5640, 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, I 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 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 behoof and use and behoof 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, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, I am the sole lawful owner 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 I have good right and lawful authority to sell and convey the same in the manner herein set forth, and hereby grant Corporation the right to fill in the serial number and filling date in this document upon their receipt;

AND, for the consideration aforesaid, I 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, I, 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.

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