Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James M. Haase	05/16/2007
Ronald L. Mezera	05/16/2007
Nicholas R. Whitehead	05/16/2007

RECEIVING PARTY DATA

Name:	Medtronic, Inc.	
Street Address:	710 Medtronic Parkway NE	
Internal Address:	MS LC340	
City:	Minneapolis	
State/Country:	MINNESOTA	
Postal Code:	55432	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11749460

CORRESPONDENCE DATA

Fax Number: (763)505-0411

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7635050409

Email: scott.a.marks@medtronic.com

Correspondent Name: Scott A. Marks

Address Line 1: 710 Medtronic Parkway NE

Address Line 2: MS LC340

Address Line 4: Minneapolis, MINNESOTA 55432

ATTORNEY DOCKET NUMBER:	P0027363.00
NAME OF SUBMITTER:	Scott A. Marks

PATENT REEL: 019302 FRAME: 0356

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Total Attachments: 3 source=P27363_00assignment#page1.tif source=P27363_00assignment#page2.tif source=P27363_00assignment#page3.tif

PATENT REEL: 019302 FRAME: 0357

Atty Docket No.: P-27363.00

ASSIGNMENT

WHEREAS, WE,

- (1) <u>James M. Haase</u>, residing at 3016 Frank Street, Maplewood, MN 55109;
- (2) Ronald L. Mezera, residing at 5279 Linden Trail North, Lake Elmo, MN 55042; and
- (3) Nicholas R. Whitehead, residing at 325 13th Avenue North, Hopkins, MN 55343,

have invented certain improvements in REDUCING CYLINDER WEAR IN A DRUG PUMP for which we have executed an application for Letters Patent of United States of America,

	is attache	hed hereto.			
		was fil	ed on	_as United States Application No	_ and Provisional Application
No.	file	ed	; and		

WHEREAS We hereby authorize and request the Assignee, Medtronic, Inc., to insert the filing date and application number of said application when known; 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 NE, Minnesota 55432-5604, 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;

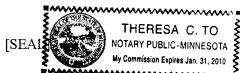
AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, We are the lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned,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

Atty Docket No.: P-27363.00

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.

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IN WITNESS WHEREOF, I have hereunto set my hand on this day of May, 2007.
Jan M Harra
James VI. Haase
ω
STATE OF MINNESOTA)
) ss.
COUNTY OF ANOKA)
On this day of May, 2007, before me personally appeared James M. Haase, 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.
Theresa C. Jo
Notary Public
######################################



Atty Docket No.: P-27363.00

IN WITNESS WHEREOF, I have hereunto set my hand on this day of May, 200)7.
Ronald L. Merera	
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)	
On this day of May, 2007, before me personally appeared Ronald L. Mezera, 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.	ıe
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my official signature with the seal of my official signature with the seal of my official signature.	ce,
Mileso 1 20	
THERESA C. TO NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2010	
IN WITNESS WHEREOF, I have hereunto set my hand on this)7.
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)	
On this 16 ⁴⁴ day of May, 2007, before me personally appeared Nicholas R. Whitehead, to a 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.	ce,
=~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
THERESA C. TO NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2010 [SEAL]	
This is the final page of this Assignment.	

Page 3 of 3

RECORDED: 05/16/2007