

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark T. Rise	06/04/2009
Jonathon E. Giftakis	06/04/2009
RECEIVING PARTY DATA	
Name:	Medtronic, Inc.
Street Address:	710 Medtronic Parkway
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12425758
CORRESPONDENCE DATA	
Fax Number:	(651)735-1102
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	651-735-1100
Email:	betlach@ssiplaw.com
Correspondent Name:	SHUMAKER & SIEFFERT , P.A
Address Line 1:	1625 RADIO DRIVE , SUITE 300
Address Line 4:	WOODBURY , MINNESOTA 55125
ATTORNEY DOCKET NUMBER:	1023-778US01
NAME OF SUBMITTER:	Jessica H. Kwak
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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PATENT
REEL: 022814 FRAME: 0504

ASSIGNMENT

For valuable consideration, we, Mark T. Rise of 7745 Aetna Avenue, NE, Monticello, MN 55432 and Jonathon E. Giftakis of 6741 Troy Lane N., Maple Grove, MN 55311, hereby assign to: Medtronic, Inc. having a place of business at: 710 Medtronic Parkway, Minneapolis, MN 55432 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled THERAPY TARGET SELECTION FOR PSYCHIATRIC DISORDER THERAPY, filed April 17, 2009, and assigned U.S. Serial Number 12/425,758; this assignment including said application, any provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:

6/4/09

Mark T. Rise

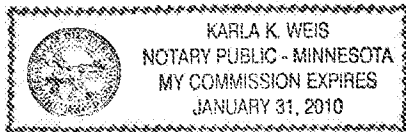
[Signature of Mark T. Rise]

State of Minnesota)

) ss:

County of Anoka)

On this 4th day of June, 2009, before me, Karla K. Weis,
Notary Public, personally appeared Mark T. Rise personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument and
acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by
his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



WITNESS my hand and official seal.

[Signature of Karla K. Weis]

Signature of Notary Public

My Commission Expires: 1-31-2010

Date:

6/4/09

Jonathon E. Giftakis

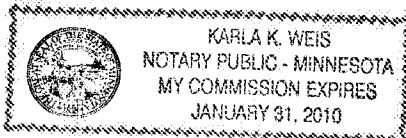
[Signature of Jonathon E. Giftakis]

State of Minnesota)

) ss:

County of Anoka)

On this 4th day of June, 2009, before me, Karla K. Weis,
Notary Public, personally appeared Jonathon E. Giftakis personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



WITNESS my hand and official seal.

[Signature of Karla K. Weis]

Signature of Notary Public

My Commission Expires: 1-31-2010