5-25-35	,
10111110 1333	- 26 - 2005 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
MAY 2 0 2005	PF01106 CIP
To the Assistant Compressioner (as Patents: Please record the at	
Name of conveying party(ies):	Name and address of receiving party(ies):
GLENN O. SPITAL WAYNE A. MORGAN VARAZ SHAHMIRIAN	MEDTRONIC MINIMED, INC. 18000 Devonshire Street Northridge, CA 91325-1219
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No	Additional name(s) & address(es) attached? □ Yes ■ No
3. Nature of conveyance:	
Assignment	
Execution Date <u>April 29, 2005 and May 11 & 17, 2005</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution	date of the application is:
A. Patent Application No.(s) 11/027,112	B. Patent No.(s)
Additional numbers attached? ☐ Yes ■ No	
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: [1]
Ajit S. Narang MEDTRONIC MINIMED, INC. 18000 Devonshire Street Northridge, CA 913251219	
	7. Total fee (37 CFR 3.41)\$_40 ☐ Enclosed ■ Authorized to be charged to deposit account
	8. Deposit account number: 50-0621
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DO NOT US	E THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing is true and correct an	d any attached copy is a true copy of the original document. 5/18/2005
Name of Person Signing Total number of pages comprising cover sheet, attachments and document: [6]	Date
OMB No. 0651-0011 (exp. 4/94)	
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Commission 5/25/2005 DBYRNE 00000177 500621 11027112 P.O. E Alexandria, V	h required cover sheet information to: ter for Patents Sox 1450 VA 22313-1450 stimated to average about 30 minutes per document to be
recorded, including time for reviewing the document and sample cover sheet. Send comments regarding this burder Information Systems, PK2-1000C, Washington, D.C. 2021	gathering the data needed, and completing and reviewing the estimate to the U.S. Patent and Trademark Office, Office of 81, and to the Office of Management and Budget, Paperwork 111), Washington, D.C. 20503.

PATENT REEL: 016591 FRAME: 0381

ASSIGNMENT

Attorney Docket No. PF01106 CIP

(1-3)	Insert	Names(s) of
invei	ntor(s)		

- (1) GLENN O. SPITAL
- (2) WAYNE A. MORGAN
- (3) VARAZ SHAHMIRIAN

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(4)	Insert	name	of As	ssignee
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(4) Medtronic MiniMed, Inc.

(5) Insert state of incorporation of Assignee

(5) Delaware

(6) Insert address of Assignee (6) of <u>18000 Devonshire Street</u>, <u>Northridge</u>, <u>CA 91325-1291</u> (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(7) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (7) RAPID DISCRIMINATION PREAMBLES AND METHODS FOR USING THE SAME, U.S. Patent Application Serial No. 11/027,112 filed December 29, 2004

for which the undersigned have executed an application for patent in the United States Patent and Trademark Office

(8) Insert Date of Signing of Application

(8) on April 29,2005 and Hay 11417, 2005

- 1) The undersigned agree(s) to execute all papers necessary in connection with an application for letters patent to the above-identified invention in each of the countries in which such application has been or will be filed, and any continuing or divisional applications thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

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PATENT REEL: 016591 FRAME: 0382

6) The undersigned hereby appoints:

Paul H. Kovelman, Reg. No. 35,228; Vivian S. Shin, Reg. No. 43,919; Richard K. Yoon, Reg. No. 42,247; Ajit S. Narang, Reg. No. 55,480; and

all of the firm of Foley & Lardner LLP:

Ted R. Rittmaster, Reg. No. 32,933 David A. Blumenthal, Reg. No. 26,257 Stephen M. Lobbin, Reg. No. 41,159 William J. Robinson, Reg. No. 29,430

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 5/11/05

Signature of Inventor

Glenn O. Spita

State of California

County of Los Angeles

On this <u>May 11, 2005</u> before me, <u>Christine fineiro</u> a Notary Public, personally appeared <u>Glenn O. Spital</u>, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Notary Public

CHRISTINE PINEIRO
Commission # 1467528
Notary Public - California
Los Angeles County
My Comm. Expires Feb 26, 2008

Date:	5/17/2005	Signature of Inventor	Wun	N.	Mal	7	
	,		Wayne A. Moi		,		

State of California

County of Los Angeles

On this <u>May 17, 2005</u> before me, <u>Christine Pinero</u>, a Notary Public, personally appeared <u>Wayne A. Morgan</u>, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

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Notary Public

Date:	4/29/05	Signature of Inventor		
	•		Varaz Shahmirian	

State of California

County of Los Angeles

On this <u>April 29,2005</u> before me, <u>Christine Pinero</u>, a Notary Public, personally appeared <u>Varaz Shahmirian</u>, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Notary Public

ACCEPTANCE:

The undersigned, MEDTRONIC MINIMED, INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 17 day of May , 200

ASSIGNEE:

MEDTRONIC MINIMED, INC.,

a Delaware Corporation

By:

ame: Æric P. Geismar

Title: Vice President and Senior Counsel

State of California

County of Los Angeles

On this May 17, 2005, before me, Christine Pineiro, a Notary Public, personally appeared Eric P. Geismar, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

RECORDED: 05/20/2005

Notary Public

CHRISTINE PINEIRO
Commission # 1467528
Notary Public - California
Los Angeles County
My Comm. Expires Feb 26, 2008