

ASSIGNMENTAttorney Docket No. G&C 130.66-US-01*(1-3) Insert Names(s) of inventor(s)*

- (1) NANNETTE M. VAN ANTWERP
 (2) BRADLEY J. ENEGREN
 (3) JOHN J. MASTROTOTARO
 (4) RAJIV SHAH
 (5) UDO HOSS
 (6) YANAN ZHANG
 (7) JENN-HANN WANG
 (8) KENT L. CLARK

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 Assignee(4) Medtronic MiniMed, Inc.*(5) Insert state of incorporation of Assignee*(5) Delaware*(6) Insert address of Assignee*

(6) of 18000 Devonshire Street, Northridge, CA 91325-1291
 (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) BLOOD CONTACTING SENSOR, U.S. Patent Application Serial No. 10/935,954 filed September 8, 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 11/3/04; 11/8/04; 2/11/05; and 3/9/05.

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) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

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; and

all of the firm of Gates & Cooper LLP:

William J. Wood, Reg. No. 42,236
Karen S. Canady, Reg. No. 39,927

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: 11/3/04 Signature of Inventor *Nannette Van Antwerp*
NANNETTE M. VAN ANTWERP

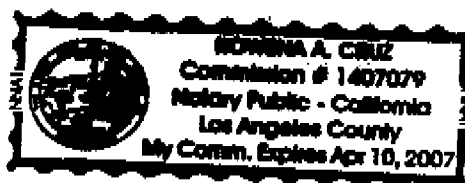
State of California

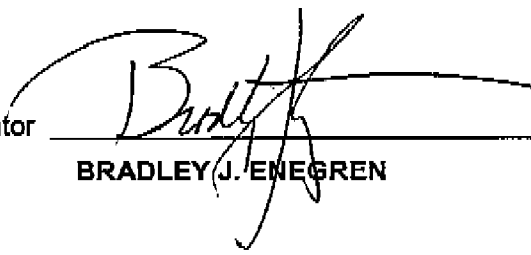
County of Los Angeles

On this Nov. 3, 2004 before me, Rowena A. Cruz a Notary Public, personally appeared NANNETTE M. VAN ANTWERP, 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 she executed the same in her authorized capacity, and that by her 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.

Rowena A. Cruz
Notary Public



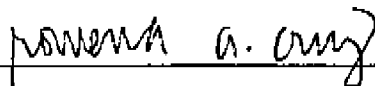
Date: 11/3/04 Signature of Inventor 
BRADLEY J. ENEGREN

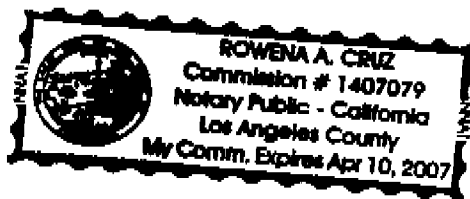
State of California


County of Los Angeles

On this NOV. 3, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared **BRADLEY J. ENEGREN**, 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



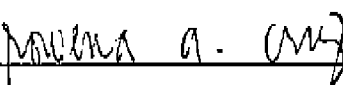
Date: 11/8/04 Signature of Inventor 
JOHN J. MASTROTOTARO

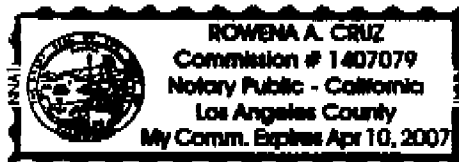
State of California


County of Los Angeles

On this NOV. 8, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared **JOHN J. MASTROTOTARO**, 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



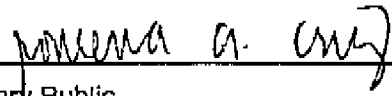
Date: 11/3/04 Signature of Inventor 
RAJIV SHAH

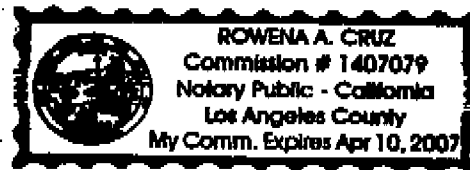
State of California

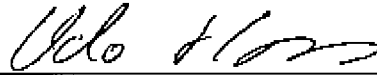
County of Los Angeles

On this Nov. 3, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared RAJIV SHAH, 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



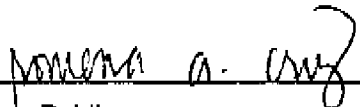
Date: 11-03-04 Signature of Inventor 
UDO HOSS

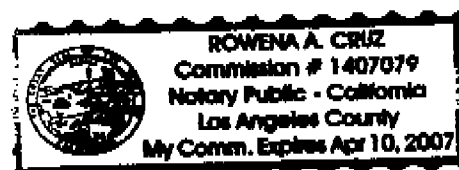
State of California

County of Los Angeles

On this Nov. 3, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared UDO HOSS, 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



Date: 02/16/2005 Signature of Inventor *Yanan Zhang*
YANAN ZHANG

State of California

County of Los Angeles

On this FEB 16, 2005 before me, TANG JUNFEI, a Notary Public, personally appeared YANAN ZHANG, 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.

SEE ATTACHED NOTARIAL CERTIFICATE

Notary Public

Date: 11/03/2004 Signature of Inventor *Jenn-Hann Wang*
JENN-HANN WANG

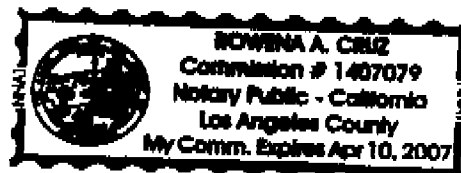
State of California

County of Los Angeles

On this NOV. 3, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared JENN-HANN WANG, 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.

Rowena A. Cruz
Notary Public



Date: 11/3/04 Signature of Inventor Kent L. Clark
KENT L. CLARK

State of California

County of Los Angeles

On this NOV. 3, 2004 before me, Rowena A. Cruz, a Notary Public, personally appeared KENT L. CLARK, 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.

Rowena A. Cruz
Notary Public



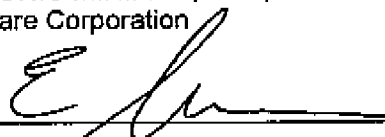
ACCEPTANCE:

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

SIGNED AND SEALED this 9 day of March, 2005.

ASSIGNEE:

MEDTRONIC MINIMED, INC.,
a Delaware Corporation

By: 

Name: Eric P. Geismar


Title: Vice President and Senior Counsel

State of California

County of Los Angeles

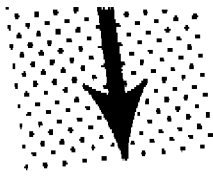
On this March 9, 2005, before me, Christine Pineiro, a Notary Public, personally appeared Eric P. Geismar, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the 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.


Notary Public



Date: 02/16/2005 Signature of Inventor *YANAN ZHANG*
YANAN ZHANG



State of California

County of Los Angeles

On this _____ before me, _____ a Notary Public, personally appeared YANAN ZHANG, 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

公 证 书

(2005)浙湖证外字第 130 号

兹证明张亚南 (ZHANG YANAN, 男, 一九五四年十一月十四日出生) 于二〇〇五年二月十六日来到我处, 在我的面前, 在前面发明者签字栏上签名。

中华人民共和国浙江省湖州市公证处

公证员

唐均斐

二〇〇五年二月十六日



N002357471

NOTARIAL CERTIFICATE
(Translation)

(2005)Z,H,Z,W,Zi,No.130

This is to certify that ZHANG YANAN (male, born on November 14, 1954) personally appeared in my office on February 16, 2005, and subscribed his name to the column of "signature of inventor" in my presence.

Huzhou Notary Public Office
Zhejiang Province
The People's Republic of China
(Sealed)

Notary: Tang Junfei
(Signature)

February 16, 2005

XU 12345678

公 证 书

(2005)浙湖证外字第 131 号

兹证明前面的 (2005) 浙湖证外字第 130 号《公证书》的
英文译本内容与该公证书中文原本相符。

中华人民共和国浙江省湖州市公证处

公证员

唐均斐

二〇〇五年二月十六日



NOTARIAL CERTIFICATE
(Translation)

(2005)Z,H,Z,W,Zi,No.131

This is to certify that the English translated copy of Notarial Certificate (2005) Z, H, Z, W, Zi, No.130 is in conformity with the Chinese original text attached hereto.

Huzhou Notary Public Office
Zhejiang Province
The People's Republic of China
(Sealed)

Notary: Tang Junfei
(Signature)

February 16, 2005