

06-14-1999



RECORDATION
PATENT NO. 101063845

DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No: PHYS113413

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Wayne D. Kurle, Stephen B. Johnson, Rockland W. Nordness,
Stephen L. Firman, Douglas M. Gustavson, and Peter Y. Choi
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Medtronic Physio-Control Manufacturing Corp.
Address: P.O. Box 97006

3. Nature of conveyance: 6-8-99
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution date: April 29, May 3, 5, 11 and 12, 1999

City: Redmond State: WA ZIP: 98073-9706
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
A. Patent Application No(s). 09/237,193
Additional numbers attached? Yes No

B. Patent No(s).
If this document is being filed together with a new application, the execution date of the application is: _____

5. Name and address of party to whom correspondence concerning document should be mailed:
Mary L. Čulić, Esq.
CHRISTENSEN O'CONNOR
JOHNSON & KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, WA 98101-2347
(206) 682-8100

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41):\$ 40.00
Check No. 106020 in the amount of \$40.00 is enclosed.
8. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application.

DO NOT USE THIS SPACE

40E

9. Statement and signature:
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Mary L. Čulić
Name of Attorney or Agent
Registration No. 40,574
Direct Dial (206) 695-1714

Mary L. Čulić Signature 6/2/99 Date

Total number of pages including cover sheet, attachments and document: 13

ASSIGNMENT

WHEREAS, we, Wayne D. Kurle, residing at 7960 Hannah Road, Winston, GA 30187, Stephen B. Johnson, residing at 6534 Cultus Bay Road, Clinton, WA 98236, Rockland W. Nordness, residing at 535 14th Avenue W., Kirkland, WA 98033, Stephen L. Firman, residing at 16408 187th Avenue NE, Woodinville, WA 98072, Douglas M. Gustavson, residing at 3 Chestnut Court, Guilford, CT 06437 and Peter Y. Choi, residing at 125 Logan Road, Lynnwood, WA 98036, are the inventors named in an application for Letters Patent of the United States, entitled SMART BATTERY WITH MAINTENANCE AND TESTING FUNCTIONS, COMMUNICATIONS, AND DISPLAY, Serial No. 09/237,193, filed on January 26, 1999;

AND, WHEREAS, Medtronic Physio-Control Manufacturing Corp., a Washington corporation, having a principal place of business at P.O. Box 97006, Redmond, WA 98073-9706 (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at SMYRNA (city), GEORGIA (state), this 3RD day of MAY, 1999.

Wayne D. Kurle
Wayne D. Kurle

STATE OF GEORGIA)
) ss.
COUNTY OF COBB)

I certify that I know or have satisfactory evidence that Wayne D. Kurle is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 5-3-99

(Seal or stamp)

Mork W. Kee
Signature
Notary Public
My appointment expires _____

Executed at _____ (city), _____ (state), this _____
day of _____, 19____.

Peter Y. Choi

STATE OF WASHINGTON)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that Peter Y. Choi is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Printed Name: _____
Notary Public
My appointment expires _____

MIC:mlk

ASSIGNMENT

WHEREAS, we, Wayne D. Kurle, residing at 7960 Hannah Road, Winston, GA 30187, Stephen B. Johnson, residing at 6534 Cultus Bay Road, Clinton, WA 98236, Rockland W. Nordness, residing at 535 14th Avenue W., Kirkland, WA 98033, Stephen L. Firman, residing at 16408 187th Avenue NE, Woodinville, WA 98072, Douglas M. Gustavson, residing at 3 Chestnut Court, Guilford, CT 06437 and Peter Y. Choi, residing at 125 Logan Road, Lynnwood, WA 98036, are the inventors named in an application for Letters Patent of the United States, entitled SMART BATTERY WITH MAINTENANCE AND TESTING FUNCTIONS, COMMUNICATIONS, AND DISPLAY, Serial No. 09/237,193, filed on January 26, 1999;

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Executed at _____ (city), _____ (state), this _____ day of _____, 19_____.

Wayne D. Kurle

STATE OF GEORGIA)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that Wayne D. Kurle is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Notary Public
My appointment expires _____

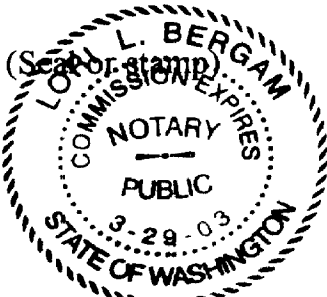
Executed at Redmond (city), WA (state), this 5th
day of May, 19 99.

Stephen B. Johnson
Stephen B. Johnson

STATE OF WASHINGTON)
COUNTY OF KING) ss.

I certify that I know or have satisfactory evidence that Stephen B. Johnson is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 5, 1999



Levi L. Bergam
Signature
Printed Name: Levi L. Bergam
Notary Public
My appointment expires March 29, 2003

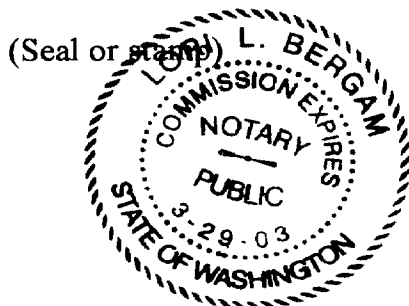
Executed at Redmond (city), Wa. (state), this 5th
day of May, 19 99.

Rockland W. Nordness
Rockland W. Nordness

STATE OF WASHINGTON)
COUNTY OF KING) ss.

I certify that I know or have satisfactory evidence that Rockland W. Nordness is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 5, 1999



Levi L. Bergam
Signature
Printed Name: Levi L. Bergam
Notary Public
My appointment expires March 29, 2003

Executed at Redmond (city), WA (state), this 12th
day of May, 1999.

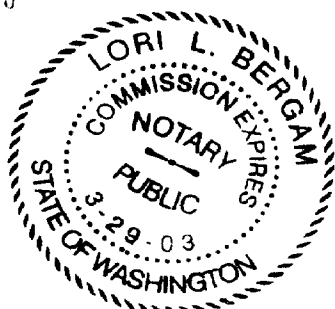
Stephen L. Firman
Stephen L. Firman

STATE OF WASHINGTON)
COUNTY OF King) ss.

I certify that I know or have satisfactory evidence that Stephen L. Firman is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 12, 1999

(Seal or stamp)



Lori L. Bergam
Signature

Printed Name: Lori L. Bergam

Notary Public

My appointment expires March 29, 2003

Executed at _____ (city), _____ (state), this _____
day of _____, 19_____.

Douglas M. Gustavson

STATE OF CONNECTICUT)
COUNTY OF _____) ss.

I certify that I know or have satisfactory evidence that Douglas M. Gustavson is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Notary Public
My appointment expires _____

Executed at REDMOND (city), WASHINGTON (state), this eleventh day of May, 1999.

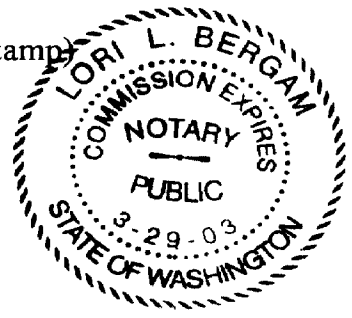
Peter Y. Choi
Peter Y. Choi

STATE OF WASHINGTON)
COUNTY OF KING) ss.

I certify that I know or have satisfactory evidence that Peter Y. Choi is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 11, 1999

(Seal or stamp)



Lori L. Bergam

Signature
Printed Name: Lori L. Bergam
Notary Public
My appointment expires March 29, 2003

MIC:mlk

ASSIGNMENT

WHEREAS, we, Wayne D. Kurlle, residing at 7960 Hannah Road, Winston, GA 30187, Stephen B. Johnson, residing at 6534 Cultus Bay Road, Clinton, WA 98236, Rockland W. Nordness, residing at 535 14th Avenue W., Kirkland, WA 98033, Stephen L. Firman, residing at 16408 187th Avenue NE, Woodinville, WA 98072, Douglas M. Gustavson, residing at 3 Chestnut Court, Guilford, CT 06437 and Peter Y. Choi, residing at 125 Logan Road, Lynnwood, WA 98036, are the inventors named in an application for Letters Patent of the United States, entitled SMART BATTERY WITH MAINTENANCE AND TESTING FUNCTIONS, COMMUNICATIONS, AND DISPLAY, Serial No. 09/237,193, filed on January 26, 1999;

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Executed at _____ (city), _____ (state), this _____ day of _____, 19_____.

Wayne D. Kurlle

STATE OF GEORGIA)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that Wayne D. Kurlle is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Notary Public
My appointment expires _____

Executed at _____ (city), _____ (state), this _____ day of _____, 19____.

Peter Y. Choi

STATE OF WASHINGTON)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that Peter Y. Choi is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Printed Name: _____
Notary Public
My appointment expires _____

MIC:mlk