FORM PTO-1595 1-31-92

JUN 0 8 1999 PATE



FMENT OF COMMERCE Itent and Trademark Office Docket No: PHYS113413

To	the Honorable Assistant Commissione for Patents: Please reco	rd the attached original documents or copy thereof.
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):
	Wayne D. Kurle, Stephen B. Johnson, Rockland W. Nordness, Stephen L. Firman, Douglas M. Gustavson, and Peter Y. Choi	Name: Medtronic Physio-Control Manufacturing Corp. Address: P.O. Box 97006
Ad	dditional name(s) of conveying party(ics) attached? Yes X No	
3.	Nature of conveyance: 6-8-99	City: Redmond State: WA ZIP: 98073-9706
	★ Assignment	Additional name(s) & address(es) attached? Yes 🕱 No
	Security Agreement Change of Name	
	Other Execution date:April 29, May 3, 5, 11 and 12, 1999	
4.	Application number(s) or patent number(s):	
	A. Patent Application No(s). 09/237,193	B. Patent No(s).
	Additional numbers atta	ched? Yes X No
	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:	6. Total number of applications and patents involved:
	Mary L. Čulić, Esq. CHRISTENSEN O'CONNOR	7. Total fee (37 C.F.R. 3.41):
	JOHNSON & KINDNESSPLEC 1420 Fifth Avenue Suite 2800 Seattle, WA 98101-2347 (206) 682-8100	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 informationiginal document. Mary L. Čulić Name of Attorney or Agent Registration No. 40,574	ion is true and correct and any attached copy is a true copy of the Signature
	Direct Dial (206) 695-1714 Total numb	er of pages including cover sheet, attachments and document: 13
0	MB No. 0651-0011 (exp. 4/94)	
~	######################################	

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, 19		(city), GEORGII	1_(state), this_	BRD day
		Wayne D. Kurle	Kule	·
STATE OF GEORGIA		Wayne 2. 11ano		
COUNTY OF <u>COB</u>) ss.)			

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	
	Morkw Kees
(Seal or stamp)	Signature
	Notary Public
	My appointment expires
DILLY 2412141 DC 2	-1- My Commission Expires July 19, 2002

PATENT REEL: 010012 FRAME: 0268

(city),	(state), this
Stephen B. Joh	nson
erson acknowledged	nat Stephen B. Johnson is the person that he signed this instrument and uses and purposes mentioned in the
Notary Public	nt expires

Rockland W. N	Vordness
said person acknowle	that Rockland W. Nordness is the edged that he signed this instrument uses and purposes mentioned in the
	Stephen B. John tisfactory evidence the erson acknowledged pluntary act for the resonance of the ersonacknowledged pluntary act for the

-2-

PHYS\13413121.DOC

1"

Executed at	(city),	(state), this
day of, 19	<u>.</u>	
	Stephen L. Firm	nan
STATE OF WASHINGTON) ss.		
COUNTY OF) ss.		
who appeared before me, and said	d person acknowledged	hat Stephen L. Firman is the person that he signed this instrument and uses and purposes mentioned in the
Dated:		
(Seal or stamp)	Signature Printed Name:	
	Notary Public	
	My appointmen	at expires
**************************************	******	*******
**************************************	******	**************************************
STATE OF CONNECTICUT)	**************************************	**************************************
STATE OF CONNECTICUT)) ss. COUNTY OF) I certify that I know or haperson who appeared before me, a	city), Douglas M. Gu ave satisfactory evidence and said person acknowle	**************************************
STATE OF CONNECTICUT)) ss. COUNTY OF) I certify that I know or ha person who appeared before me, a and acknowledged it to be his free	city), Douglas M. Gu ave satisfactory evidence and said person acknowle and voluntary act for the	************* (state), this stavson that Douglas M. Gustavson is the edged that he signed this instrument
COUNTY OF) ss. I certify that I know or ha person who appeared before me, a and acknowledged it to be his free instrument.	city), Douglas M. Gu ave satisfactory evidence and said person acknowle and voluntary act for the	************* (state), this stavson that Douglas M. Gustavson is the edged that he signed this instrument

-3-

Executed at, 19	(city),	(state), this
	Peter Y. Choi	
STATE OF WASHINGTON)		
) ss. COUNTY OF)		
	•	Peter Y. Choi is the person who he signed this instrument and
acknowledged it to be his free and voinstrument.		
acknowledged it to be his free and vo	oluntary act for the use	

MIC:mlk

1

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	(city),	(state), this	day
of, 19			
	Wayne D. Ku	ırle	·
STATE OF GEORGIA)	s.		
COUNTY OF)	5.		
I certify that I know or hat appeared before me, and said acknowledged it to be his free a nstrument.	person acknowledged		ment and
Dated:			
(Seal or stamp)	Signature Notary Public		
	My appointm	ent expires	
	1		

-1-

PHYS\13413121.DOC

Executed at Redrices day of Han 19 99.	(city), WA (state), this STA Stephen B. Johnson
STATE OF WASHINGTON)	
COUNTY OF KING) ss.	
who appeared before me, and said person	tory evidence that Stephen B. Johnson is the person acknowledged that he signed this instrument and ary act for the uses and purposes mentioned in the
Dated: Your 5, 1999 (Seavor stamp) ONOTARY PUBLIC OF WASH	Signature Printed Name: 1011 Bergan Notary Public My appointment expires march 29, 2003
**************************************	(city), (state), this 5th Rockland W. Nordness
STATE OF WASHINGTON) COUNTY OF KING SS.	
I certify that I know or have satisf person who appeared before me, and said j	factory evidence that Rockland W. Nordness is the person acknowledged that he signed this instrument ntary act for the uses and purposes mentioned in the
(Seal or starth) L. BERG NOTAR TO REC WASHINGTON	Signature Printed Name: (VII Bengar) Notary Public My appointment expires march 20, 2003

-2-

1

Executed at <u>REDMINI</u> day of <u>MAY</u> , 19 <u>99</u>	(city),	JA	(state), this
uay 01	Stephen L.	17	uni
	Stephen L.	riiiiaii	
STATE OF WASHINGTON)			
COUNTY OF King ss.			
I certify that I know or have who appeared before me, and said acknowledged it to be his free and instrument.	l person acknowledg	ged that	
Dated: 11/10/12, 1999	· · · · · · · · · · · · · · · · · · ·	X 12	N. S. Z. 10 Vi
(Seal or stamp)	Signature Printed Nan Notary Pub My appoint	ne: 10 lic ment exp	ires Marcy 29, 2003
**************************************	******	**** **	******
Evacuted at	(city)		(state) this
Executed at, 19			(state), this
	Douglas M.	Gustavs	on
STATE OF CONNECTICUT)) ss. COUNTY OF)			
I certify that I know or ha			Douglas M. Gustavson is the that he signed this instrument
person who appeared before me, as and acknowledged it to be his free a instrument.			
person who appeared before me, as and acknowledged it to be his free a	and voluntary act for		
person who appeared before me, as and acknowledged it to be his free a instrument.	and voluntary act for	the uses	

-3-

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

Peter Y. Choi

STATE OF WASHINGTON)

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)

Signature Printed Name: LOVI L PARGAM

Notary Public My appointment expires March 39, 2003

-4-

1

MIC:mlk

(state), this

day

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.

(city)

of, 19	(555),, (555),
	Wayne D. Kurle
STATE OF GEORGIA) ss.	
COUNTY OF) 55.	
appeared before me, and said pe	satisfactory evidence that Wayne D. Kurle is the person who erson acknowledged that he signed this instrument and voluntary act for the uses and purposes mentioned in the
Dated:	
(Seal or stamp)	Signature Notary Public My appointment expires

-1-

PHYS\13413121.DOC

1

Executed at

Executed at 19	_ (city),	(state), this
	Stephen B. John	
STATE OF WASHINGTON)) ss. COUNTY OF)		
,	on acknowledged	
(Seal or stamp)	Notary Public	t expires
**************************************	**************************************	**************************************
**************************************	*************** _ (city), Rockland W. N	

STATE OF WASHINGTON)) ss. COUNTY OF)	Rockland W. N sfactory evidence person acknowle	that Rockland W. Nordness is the
STATE OF WASHINGTON)) ss. COUNTY OF) I certify that I know or have sati person who appeared before me, and said and acknowledged it to be his free and vo	Rockland W. N sfactory evidence person acknowle	that Rockland W. Nordness is the

-2-

.

Executed at	(city),	(state), this
lay of, 19		
	Stephen L. Firm	nan
STATE OF WASHINGTON)		
COUNTY OF) ss.		
who appeared before me, and said	l person acknowledged	hat Stephen L. Firman is the person that he signed this instrument and uses and purposes mentioned in the
Dated:		
(Seal or stamp)	Notary Public	
	wiy appointmen	t expires
**************************************	**************************************	*************************************
	Douglas M. Gu	stavson
STATE OF CONNECTICUT)		
COUNTY OF <u>New Haven</u> ss.		
person who appeared before me, a	nd said person acknowle	that Douglas M. Gustavson is the edged that he signed this instrument uses and purposes mentioned in the
Dated: 4-29-49	Jais	L Waddoc
(Seal or stamp)	Signature // Notary Public	
	•	nt expires <u>JACOUELYN A. WADDOO</u> NOTARY PUBLIC MY COMMISSION EXPIRES NOV. 30, 20

-3-

 $\mathbf{1}^{\circ}$

Executed at day of, 19	(city), (state), th	is
	Peter Y. Choi	
STATE OF WASHINGTON) ss.		
CONDITION OF		
COUNTY OF) ss.		
	actory evidence that Peter Y. Choi is acknowledged that he signed this tary act for the uses and purposes r	instrument and
I certify that I know or have satisfappeared before me, and said person acknowledged it to be his free and volume	acknowledged that he signed this	instrument and

MIC:mlk

-4-