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1. Submission Type

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2. Conveyance Type:

Assignment Security Agreement

License Change of Name

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3. Names of conveying party: Execution Date:
Barry F. Waltman September 4, 2002

Additional name(s) of conveying party(ies) attached? Yes No

4. Name and address of receiving party:

Name: Medtronic Physio-Control Manufacturing Corp.

Address: 11811 Willows Road NE
Redmond, WA 98052-1013

Additional name(s) & address(es) attached? Yes No

5. Application number(s) and/or patent number(s):

A. Patent Application No. 10/186,248 B. Patent No(s) _____

Additional numbers attached? Yes No

If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor: _____

6. Name and address of party to whom correspondence concerning document should be mailed:

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7. Total number of applications and/or patents involved: 1

8. Total fee (37 C.F.R. 3.41):..... \$40.00
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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.

George S. Farber *George S. Farber* 9/24/02

Name of Attorney or Agent Signature Date

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Total number of pages, including cover sheet, attachments, and document: 2

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Date: 9/24/02 *Lori A. Lewis*

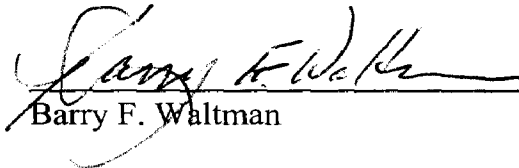
ASSIGNMENT

WHEREAS, I, **Barry F. Waltman**, residing at 2310 - 231st Place SW, Brier, Washington 98036, am the inventor named in an application for Letters Patent of the United States, entitled H-BRIDGE CIRCUIT FOR GENERATING A HIGH-ENERGY BIPHASIC AND EXTERNAL PACING WAVEFORM IN AN EXTERNAL DEFIBRILLATOR, Application No. 10/186,248, filed on June 26, 2002;

AND, WHEREAS, Medtronic Physio-Control Manufacturing Corp., a Washington corporation, having a principal place of business at 11811 Willows Road NE, Redmond, Washington 98052-1013 (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, I do hereby sell, assign and transfer unto ASSIGNEE my 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 my 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 me had this sale, assignment and transfer not been made, and I 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 me.

Executed at Redmond (city), Washington, this 9th day of Sept, 2002.


Barry F. Waltman

GSF:lal