

MEDTRONIC INC
Form 4
October 13, 2004

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
MAHLE STEPHEN H

(Last) (First) (Middle)

MEDTRONIC, INC., 710
MEDTRONIC PARKWAY, M.S.
LC310

(Street)

MINNEAPOLIS, MN 55432-5604

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
MEDTRONIC INC [MDT]

3. Date of Earliest Transaction
(Month/Day/Year)
10/11/2004

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Executive Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price			
Common Stock	10/11/2004		G	V	485	D \$ 0	225,896.535	D
Common Stock	10/11/2004		G	V	4,830	D \$ 0	221,066.535	D
Common Stock	10/11/2004		G	V	2,900	D \$ 0	215,456.535	D
Common Stock	10/11/2004		G	V	1,740	D \$ 0	218,356.535	D
Common Stock	10/11/2004		G	V	970	D \$ 0	220,096.535	D

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Common Stock	10/12/2004	G	V	750	D	\$ 0	214,706.535	D	
Deferred Stock Units							64,922.011	D	
Common Stock							9,569.567	I	By ESOP
Common Stock							15,000	I	by Spouse

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 6)
				Code	V	(A)	(D)	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MAHLE STEPHEN H MEDTRONIC, INC. 710 MEDTRONIC PARKWAY, M.S. LC310 MINNEAPOLIS, MN 55432-5604				Executive Vice President

Signatures

Neil P. Ayotte,
Attorney-in-fact

10/13/2004

Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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