MEDTRONIC INC

Form 4

November 24, 2006

FORM 4

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

OMB

OMB APPROVAL

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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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last) (First) MEDTRONIC INC [MDT]

(Check all applicable)

MEDTRONIC, INC., 710

(Street)

(Month/Day/Year) 11/21/2006

(Middle)

Director 10% Owner X_ Officer (give title Other (specify below)

MEDTRONIC PARKWAY, M.S. LC310

Exec VP & Pres, CRDM

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

3. Date of Earliest Transaction

X Form filed by One Reporting Person Form filed by More than One Reporting

MINNEAPOLIS, MN 55432-5604

(City)	(State)	(Zip) 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)	Code (Instr. 8)	onor Dispos (Instr. 3,	(A) or	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 Indirect Beneficial Ownership (Instr. 4)		
Common Stock	11/21/2006		Code V M(1)	Amount 20,000	(D)	Price \$ 23.3594	312,173.608 (2)	D			
Common Stock	11/21/2006		S <u>(1)</u>	20,000	D	\$ 52.5	292,173.608 (2)	D			
Common Stock	11/22/2006		M <u>(1)</u>	20,000	A	\$ 23.3594	312,173.608 (2)	D			
Common Stock	11/22/2006		S <u>(1)</u>	20,000	D	\$ 54	292,173.608 (2)	D			
Common Stock							10,010.924	I	By ESOP		

Common Stock 11,000 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. Transactic Code (Instr. 8)	5. Number of ionDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	An or Nu of S
Employee St Opt (Right to Buy)	\$ 23.3594	11/21/2006		M		20,000	08/11/1998 <u>(3)</u>	08/11/2007	Common Stock	20
Employee St Opt (Right to Buy)	\$ 23.3594	11/22/2006		M		20,000	08/11/1998(4)(3)	08/11/2007	Common Stock	20

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MAHLE STEPHEN H MEDTRONIC, INC. 710 MEDTRONIC PARKWAY, M.S. LC310 MINNEAPOLIS, MN 55432-5604

Exec VP & Pres, CRDM

Signatures

Keyna P. Skeffington, Attorney-in-fact

**Signature of Reporting Person Date

Reporting Owners 2

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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).
- (1) These exercise and sales were all transacted pursuant to a 10b51 trading plan.
- (4) These options become exercisable at the rate of 25% of the shares granted per year beginning on the first anniversary of grant.
- (2) As previously reported, this balance increased by 70 shares due to exempt transactions such as dividend reinvestment and dividend equivalent credits.
- (3) These options become exercisable at the rate of 25% per year beginning with the first anniversary of the grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.