MEDTRONIC INC

Form 4

September 25, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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OMB APPROVAL

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Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading McCormick Carol Issuer Symbol MEDTRONIC INC [MDT] (Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 09/24/2007 below) Sr VP Human Resources

Person

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

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

Form filed by More than One Reporting

(Check all applicable)

MINNEAPOLIS, MN 55432

MEDTRONIC INC, 710

MEDTRONIC PKWY

(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)	3. Transac Code (Instr. 8				(D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	09/24/2007		M		2,666	A	\$ 31.9063	6,599.283	D	
Common Stock	09/24/2007		S		600	D	\$ 56.93	5,999.283	D	
Common Stock	09/24/2007		S		1,030	D	\$ 56.94	4,969.283	D	
Common Stock	09/24/2007		S		1,036	D	\$ 56.95	3,933.283	D	
Common Stock	09/25/2007		G	V	440	D	\$ 0	3,493.283	D	

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Common Stock	1,097.611	I	by 401k
Common Stock	4,470.458	I	by ESOP

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

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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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date curities (Month/Day/Year) equired () or sposed of () str. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options (Right to buy)	\$ 31.9063	09/24/2007		M	2,666	10/28/1999(1)	10/28/2008	Common Stock	2,666

Reporting Owners

James N. Spolar,

**Signature of Reporting Person

Attorney-in-fact

Reporting Owner Name / Address	Relationships						
rioporomig o mari riamo / rrauross	Director	10% Owner	Officer	Other			
McCormick Carol MEDTRONIC INC 710 MEDTRONIC PKWY MINNEAPOLIS, MN 55432			Sr VP Human Resources				
Signatures							

09/25/2007

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 options become exercisable at the rate of 25% of the shares granted per year beginning on the first anniversary of 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.