

MEDTRONIC INC  
Form 4  
September 22, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
**WILSON BARRY W**

(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)  
**09/20/2005**

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)  
**Sr VP & Pres Eur, ME, Can, EM**

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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/20/2005		M(1)	20,000 A	\$ 23.3594 89,901.017	D	
Common Stock	09/20/2005		S(1)	2,500 D	\$ 56.06 87,401.017	D	
Common Stock	09/20/2005		S(1)	5,000 D	\$ 56.74 82,401.017	D	
Common Stock	09/20/2005		S(1)	2,500 D	\$ 56.8 79,901.017	D	
Common Stock	09/20/2005		S(1)	7,500 D	\$ 56.82 72,401.017	D	

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Common Stock	09/21/2005	<u>S(1)</u>	2,400	D	\$ 56.81	70,001.017	D	
Common Stock	09/21/2005	<u>S(1)</u>	100	D	\$ 56.82	69,901.017	D	
Common Stock						1,202.022	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. 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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Share
Employee St Opt (Right to Buy)	\$ 23.3594	09/20/2005		<u>M(1)</u>	20,000	08/11/2002 08/11/2007	Common Stock 20,000

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
WILSON BARRY W MEDTRONIC, INC. 710 MEDTRONIC PARKWAY, M.S. LC310 MINNEAPOLIS, MN 55432-5604	Sr VP & Pres Eur, ME, Can, EM

## Signatures

Neil P. Ayotte,  
Attorney-in-fact 09/22/2005

\*\*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).
- (1) This exercise and sale was effected pursuant to a Rule 10b5-1 trading plan.

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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