WARD SCOTT R

Form 4

if no longer

subject to

Section 16.

November 03, 2009 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Check this box

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or 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).

Common

Common

Stock (1)

Stock

10/30/2009

11/02/2009

(Print or Type Responses)

| 1. Name and Ad WARD SCO | • | ing Person * | 2. Issuer Name and Ticker or Trading Symbol MEDTRONIC INC [MDT] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|----------------------------|-------------|--------------|--|---|--|--|--|
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | | | | |
| | | | (Month/Day/Year) | Director 10% Owner | | | |
| 710 MEDTR | ONIC PKWY | Y MS | 10/30/2009 | Officer (give title Other (specify below) | | | |
| LC310 | | | | SVP & Pres CardioVascular | | | |
| | (Street) | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| | | | Filed(Month/Day/Year) | Applicable Line) | | | |
| MINNEAPO | LIS, MN 554 | 132 | | _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common 1,699.257 Ι 401(k) Stock Common 5,061.32 Ι **ESOP** Stock Common Spouse Ι 4,846 Stock Rev Trust

2,015

5,538

F

 $A^{(2)}$

95,110.295

100,648.295

35.7

\$0

A

D

D

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

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SEC 1474

(9-02)

9. Nu Deriv Secur Bene

Follo Repo Trans (Insti

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

| Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | | 5. | 6. Date Exerc | cisable and | 7. Tit | le and | 8. Price of |
|------------------------------|-------------|---------------------|--------------------|---------|-------|------------|---------------|-------------|--------|------------|-------------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transa | ction | Number | Expiration D | ate | Amou | ınt of | Derivative |
| Security | or Exercise | | any | Code | | of | (Month/Day/ | Year) | Unde | rlying | Security |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. | 8) | Derivative | • | | Secur | ities | (Instr. 5) |
| | Derivative | | • | | | Securities | | | (Instr | . 3 and 4) | |
| | Security | | | | | Acquired | | | ` | | |
| | Ĭ | | | | | (A) or | | | | | |
| | | | | | | Disposed | | | | | |
| | | | | | | of (D) | | | | | |
| | | | | | | (Instr. 3, | | | | | |
| | | | | | | 4, and 5) | | | | | |
| | | | | | | , , | | | | | |
| | | | | | | | | | | Amount | |
| | | | | | | | Date | Expiration | | or | |
| | | | | | | | | Date | Title | Number | |
| | | | | | | | LACICISAUIC | Date | | of | |
| | | | | Code | V | (A) (D) | | | | Shares | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WARD SCOTT R 710 MEDTRONIC PKWY MS LC310 MINNEAPOLIS, MN 55432

SVP & Pres CardioVascular

Signatures

James N. Spolar, Attorney-in-fact

**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 balance increased by 25.238 due to exempt transactions such as dividend reinvestment.

The restrictions on these units shall lapse 100% on the third anniversary of the grant date if the Company?s cumulative diluted earnings per share growth during the 36 month period ending on the last day of the Company?s fiscal year 2012 equals or exceeds a 5% compound annual growth rate, as determined by the Compensation Committee.

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.

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