MEDTRONIC INC Form 4 April 29, 2008

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

Form 5 obligations **SECURITIES**

burden hours per response... 0.5

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 * Lenehan James T			2. Issuer Name and Ticker or Trading Symbol MEDTRONIC INC [MDT]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Midd		(Middle)	3. Date of Earliest Transaction	(Sheen an applicable)			
1586 HAMP	TON RD		(Month/Day/Year) 04/25/2008	X Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
RYDAL, PA 19046			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

KIDAL, IA	17040		Person
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired Disposed (

		Table 1 - Non-Derivative Securities Acquired, Disposed of, or Deficientially Owned								
1.Title of	2. Transaction Date	2A. Deemed	3.		4. Securities	Acquii	ed (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transaction Disposed of (D)					Securities	Ownership	Indirect
(Instr. 3)		any	Code		(Instr. 3, 4 an	d 5)		Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
								Following	or Indirect	(Instr. 4)
						(4)		Reported	(I)	
						(A)		Transaction(s)	(Instr. 4)	
			G 1 1	. 7		or	ъ.	(Instr. 3 and 4)		
_			Code \	V	Amount	(D)	Price			
Common Stock	04/25/2008		A(1)		1,077.728	A	\$0	12,074.097	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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

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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)	6. Date Exerci Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options (Right to buy)	\$ 50.34	04/28/2008		A	1,590	04/28/2008	04/28/2018	Common Stock	1,590

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Lenehan James T 1586 HAMPTON RD RYDAL, PA 19046	X						

Signatures

James N. Spolar, Attorney-in-Fact 04/29/2008

**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) Deferred units credited under the Medtronic, Inc. Outside Director's Compensation Plan to be paid in Medtronic common stock upon the director's resignation or retirement.

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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