MEDTRONIC INC Form 4 July 30, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31,

OMB APPROVAL

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obligations

may continue.

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 See Instruction

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 Dallas H James Issuer Symbol MEDTRONIC INC [MDT] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 710 MEDTRONIC PKWY MS 07/28/2008 below) LC310 **SVP Quality & Operations** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting MINNEAPOLIS, MN 55432 Person (City) (State) (Zip) Desirative Constition Assured Disposed of an Depolicially Or

(- 3)	(Table 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securiti	ies Acc	quired	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)		any	Code	ode (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)					
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)					
Common	07/28/2008		$A^{(1)}$	28,377	A	\$0	96,011.654	D				
Stock	0772072000		1 1 <u></u>	20,311	1 1	ΨΟ	(2)	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 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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title a		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(World) Day, Tear)	any (Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Underly Securitie (Instr. 3	ing es	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	umber		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Dallas H James 710 MEDTRONIC PKWY MS LC310 MINNEAPOLIS, MN 55432

SVP Quality & Operations

Signatures

James N. Spolar, 07/30/2008 Attorney-in-fact

**Signature of Reporting Person

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).
- (2) This balance increased by 507.278 due to exempt transactions such as ESPP and 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 (1) per share growth during the 36 month period ending on the last day of the Company's fiscal year 2011 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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