FINDLAY D CAMERON Form 3 August 10, 2009 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB 2025 OMB

INITIAL STATEMENT OF 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

OMB 3235-0104 Number:

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(Print or Type Responses)

1. Name and Address of Reporting Person			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol MEDTRONIC INC [MDT]			
(Last)	(First)	(Middle)	08/04/2009	4. Relationship of Reporting Person(s) to Issuer		5	5. If Amendment, Date Original Filed(Month/Day/Year)
710 MEDTRONIC PKWY MS LC310				(Check all applicable)			
MINNEAPC	(Street) DLIS, MN	NÂ 55432		Director Officer (give title below SrVP Gneral	Other	ow)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zip)	Table I - N	Non-Derivat	ive Securiti	ies Be	neficially Owned
1.Title of Secur (Instr. 4)	ity		2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	1
Common Sto	ock		190		D	Â	
Reminder: Repo	-		ch class of securities benefici	ially SI	EC 1473 (7-02	2)	
	inforn requir	nation conta red to respo	pond to the collection of ained in this form are not and unless the form displayed MB control number.				

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial Ownership
	(Month/Day/Year)	Derivative Security (Instr. 4) Title	or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D)	(Instr. 5)

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Date	Expiration	Amount or	or Indirect
Exercisable	Date	Number of	(I)
		Shares	(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
FINDLAY D CAMERON 710 MEDTRONIC PKWY MS LC310 MINNEAPOLIS, MN 55432	Â	Â	SrVP Gneral Counsel & Corp Sec	Â		
Signatures						
James N. Spolar, 08 Attorney-in-fact	/10/2009					
**Signature of Reporting Person	Date					

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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.