MEDTRONIC INC

Form 4 June 06, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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(b).

1. Name and Address of Reporting Person * DEMANE MICHAEL F

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(First)

(Street)

(Middle)

MEDTRONIC INC [MDT] 3. Date of Earliest Transaction

(Check all applicable)

MEDTRONIC, INC., 710 MEDTRONIC PARKWAY, M.S.

LC310

(Month/Day/Year)

06/02/2005

Director 10% Owner Other (specify _X__ Officer (give title below)

Sr VP & Pres, Spinal, ENT, SNT

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

Filed(Month/Day/Year)

Form filed by More than One Reporting

MINNEAPOLIS, MN 55432-5604

(City)	(State)	(Zip) 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)	Code (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	06/02/2005		M	43,318	A	\$ 23.8407	138,605.315	D		
Common Stock	06/02/2005		S	26,500	D	\$ 53.8	112,105.315	D		
Common Stock	06/22/2005		F	6,818	D	\$ 53.811	105,287.315	D		
Common Stock	06/22/2005		S	10,000	D	\$ 53.84	95,287.315	D		
Common Stock							1,394.467	I	By ESOP	

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

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Relationships

SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4. 5. Number of		6. Date Exercisable and		7. Title and Amount of		
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative			Expiration Date		Underlying Securities	
Security	or Exercise		any	Code Securities		(Month/Day/Year)		(Instr. 3 and 4)		
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Acquired (A)						
	Derivative			or Disposed of						
	Security			(D)						
				(Instr. 3, 4,						
				and 5)						
							Date Exercisable	Expiration Date	Title	Amount or Number
				Code V	(A)	(D)				of Shares
Stock Options (Right to	\$ 23.8407	06/02/2005		M		43,318	01/27/1999	09/01/2008	Common Stock	43,318
buy)										

Reporting Owners

MINNEAPOLIS, MN 55432-5604

Reporting Owner Name / Address			•		
	Director	10% Owner	Officer	Other	
DEMANE MICHAEL F			Sr VP &		
MEDTRONIC, INC.			~ ~-		
710 MEDTRONIC PARKWAY, M.S. LC310		Pres, Spinal,			
MININE A DOLLIG MINI 55422 5604			ENT, SNT		

Signatures

Neil P. Ayotte, Attorney-in-fact

06/06/2005

**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).

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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