MEDTRONIC INC

Form 4

October 21, 2005

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

Expires: 2005

0.5

Estimated average burden hours per response...

5. Relationship of Reporting Person(s) to

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

Check this box

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

2. Issuer Name and Ticker or Trading

1(b).

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

Wehrly Pete	er L	Symbol	RONIC INC [MDT]	Issuer	Issuer (Check all applicable)					
	(First) (M IC, INC., 710 IC PARKWAY, I	(Month/D 10/19/20		Directo X Officer below)	Director 10% Owner X Officer (give title Other (specify					
MINNEAPO	(Street) OLIS, MN 55432-	Filed(Mon	ndment, Date Original th/Day/Year)	Applicable Lir _X_ Form filed Form filed	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting					
		7 . \		Person						
(City)	(State) 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)		A) or Securities f (D) Beneficially						
Common Stock				6,334.251	D					
Common Stock				243.327	I by 401(k)					

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

1,396.252

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by ESOP

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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)

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. Transaction Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Options (Right to buy)	\$ 56.74	10/19/2005		A	21,150	10/19/2006(1)	10/19/2015	Common Stock	21,150

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wehrly Peter L MEDTRONIC, INC. 710 MEDTRONIC PARKWAY, M.S. LC310 MINNEAPOLIS, MN 55432-5604

VP & Pres, Spinal & Navigation

Signatures

Keyna P. Skeffington, 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) These options become exercisable at the rate of 25% of the shares granted per year beginning on the first anniversary of grant.

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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