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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 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 Derivative 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 of Underlying Securities (Instr. 3 and 4)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number of Shares
Stock Options (Right to buy)	\$ 50	10/21/2004		A	260,000	10/21/2004 ⁽²⁾	10/21/2014	Common Stock	260,000		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COLLINS ARTHUR D JR MEDTRONIC, INC. 710 MEDTRONIC PARKWAY, M.S. LC310 MINNEAPOLIS, MN 55432-5604	X		Chairman of the Bd and CEO	

Signatures

Gary A, Nelson,
Attorney-in-fact
10/25/2004

**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).
These deferred stock units vest 100% on a cliff basis five years after the date of grant. In circumstances of death, disability or retirement,
 - (1) these units accelerate and vest 100%. These units will be distributed one year after death, disability, or retirement. These units earn dividend equivalents in deferred stock units payable upon the above-referenced distribution date.
 - (2) These options become exercisable at the rate of 25% per year beginning with the first anniversary of the 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.