JACKSON SHIRLEY A Form 4

May 05, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

January 31,

Expires: 2005
Estimated average

burden hours per response... 0.5

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

Check this box

Form 4 or
Form 5
obligations
may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JACKSON SHIRLEY A	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
(Last) (First) (Middle)	MEDTRONIC INC [MDT] 3. Date of Earliest Transaction	(Check all applicable)
RENSSELEAR POLYTECHNIC INSTITUTE, 110 8TH ST.	(Month/Day/Year) 05/03/2010	Director 10% Owner Officer (give title below) Other (specify below)
(Street) TROY, NY 12180	4. If Amendment, Date Original Filed(Month/Day/Year)	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 - Non-Derivative Securities	es Acquired, Disposed of, or Beneficially Owned
(Instr. 3) any (Month/	on Date, if TransactionAcquired (A) or Code Disposed of (D) Day/Year) (Instr. 8) (Instr. 3, 4 and 5 (A) or	5. Amount of Securities Form: Direct Indirect Deneficially (D) or Beneficial Owned Indirect (I) Ownership Following Reported Transaction(s) (Instr. 3 and 4)
Common Stock (1) 05/03/2010	A(2) 1,813 A	\$ 0 13,034.596 D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

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

Edgar Filing: JACKSON SHIRLEY A - Form 4

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. Transactic Code (Instr. 8)	5. Number proof 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	(Α) (Γ	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 44.13	05/03/2010		A	1,813	05/03/2010	05/03/2020	Common Stock	1,813

D

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

JACKSON SHIRLEY A RENSSELEAR POLYTECHNIC INSTITUTE 110 8TH ST. TROY, NY 12180

Signatures

James N. Spolar, Attorney-in-fact 05/05/2010

**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) This balance increased 228.462 due to exempt transactions such as dividend reinvestment/dividend equivalent credits.
- (2) Deferred units credited under the Medtronic, Inc. 2008 Stock Award and Incentive Plan to be paid in Medtronic common stock upon the director's resignation or retirement.

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.

Reporting Owners 2