ECKERT R ANDREW

Form 4

February 18, 2009

FORM 4

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

OMB

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires:

2005

OMB APPROVAL

Section 16. Form 4 or

SECURITIES

Estimated average burden hours per

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

0.5 response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **ECKERT R ANDREW**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

VARIAN MEDICAL SYSTEMS INC [VAR]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

Filed(Month/Day/Year)

02/13/2009

X_ Director Officer (give title

10% Owner Other (specify

C/O VARIAN MEDICAL SYSTEMS, INC., 3100 HANSEN WAY, MAIL STOP E-327

(Street)

4. If Amendment, Date Original

M

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

PALO ALTO, CA 94304

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Reported

(A) Transaction(s) (Instr. 3 and 4)

Common Stock

02/17/2009

Price Code V Amount (D)

A

\$0

2,000

5,000

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)

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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. NumborDerivation Securities Acquired Disposed (Instr. 3, 5)	ve es d (A) or d of (D)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and Amou Underlying Securi (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Nun of Shar
Deferred Stock Units	(1)	02/13/2009		A	2,691		<u>(2)</u>	(2)	Common Stock	2,6
Non Qualified Stock Option (Right to Buy)	\$ 37.17	02/13/2009		A	5,000		02/13/2009(3)	02/13/2016	Common Stock	5,0
Deferred Stock Units	(1)	02/17/2009		M		2,000	<u>(4)</u>	<u>(4)</u>	Common Stock	2,0

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
ECKERT R ANDREW C/O VARIAN MEDICAL SYSTEMS, INC. 3100 HANSEN WAY, MAIL STOP E-327 PALO ALTO, CA 94304	X					

Signatures

/s/ Franco N. Palomba, Attorney in Fact for R. Andrew 02/18/2009 Eckert **Signature of Reporting Person

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) Each Deferred Stock Unit represents the right to receive one share of VAR common stock.
- The Deferred Stock Units vest in four equal quarterly installments over a 12 month period beginning February 13, 2009. Vested shares will be delivered to the reporting person the earlier of three years from the grant date, or termination/retirement date.

Date

Stock option granted under the Varian Medical Systems, Inc. Second Amended and Restated 2005 Omnibus Stock Plan, which complies with Rule 16b-3.

(4)

Reporting Owners 2

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The Deferred Stock Units vest in four equal quarterly installments over a 12 month period beginning February 17, 2006. Vested shares will be delivered to the reporting person the earlier of three years from the grant date, or termination/retirement date.

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.