

KLUGE ROBERT H
 Form 4
 April 06, 2010

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
 KLUGE ROBERT H

2. Issuer Name and Ticker or Trading Symbol
 VARIAN MEDICAL SYSTEMS INC [VAR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Corp VP; Pres. X-Ray Products

(Last) (First) (Middle)
 C/O VARIAN MEDICAL SYSTEM, 3100 HANSEN WAY, MAIL STOP E-327
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 04/05/2010

PALO ALTO, CA 94304
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

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)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	04/05/2010		M	10,000 A \$ 24.375	86,780	D	
Common Stock	04/05/2010		S ⁽¹⁾	10,000 D \$ 56.3186	76,780	D	
				(2)			

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

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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 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 Security (Instr. 3 and 4)	Amount or Number of Shares
Non-qualified Stock Option (Right to Buy)	\$ 24.375	04/05/2010		M	10,000	⁽³⁾ 11/14/2012	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KLUGE ROBERT H C/O VARIAN MEDICAL SYSTEM 3100 HANSEN WAY, MAIL STOP E-327 PALO ALTO, CA 94304			Corp VP; Pres. X-Ray Products	

Signatures

/s/ John A. Thorson, Attorney in Fact for Robert H. Kluge
 Date: 04/06/2010

__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 transaction is pursuant to the filer's SEC Rule 10b5-1 Stock Plan
- (2) The 10,000 shares were sold in multiple transactions executed on the same day at prices ranging from \$56.025 to \$56.67. The detailed breakdown of executed sales will be furnished upon request.
- (3) Stock option granted under the Varian Medical Systems, Inc. 1990 Omnibus Stock Plan, which complies with new Rule 16b-3. The option vests as follows: one third on 11/14/03, and the remaining shares in 24 equal installments over the 24 months following the first vesting 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.