KUO JOHN W Form 4

September 17, 2008

OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading KUO JOHN W Issuer Symbol VARIAN MEDICAL SYSTEMS (Check all applicable) INC [VAR] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) C/O VARIAN MEDICAL 09/15/2008 VP, Gen Counsel and Secretary SYSTEMS, INC., 3100 HANSEN **WAY M/S E-327** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) 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

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1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit cor Dispos (Instr. 3,	ed of	` ′	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership	
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock	09/15/2008		M	6,025	A	\$ 32.095	29,669	D	
Common Stock	09/15/2008		M	10,000	A	\$ 37.15	39,669	D	
Common Stock	09/15/2008		S <u>(1)</u>	16,025	D	\$ 62.2089 (2)	23,644	D	
Common Stock							815.17	I	By 401k Plan

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(e.g., puts, calls, warrants, options, convertible securities)

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

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VP, Gen Counsel and Secretary

SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

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. Transactio Code (Instr. 8)	5. Number of onDerivative 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 Underlying Securiti (Instr. 3 and 4)	
				Code V	(A) (I	D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Non-qualified Stock Option (Right to Buy)	\$ 32.095	09/15/2008		M	6,0	025	(3)	11/11/2013	Common Stock	6,02
Non-qualified Stock Option (Right to Buy)	\$ 37.15	09/15/2008		M	10,	,000	<u>(4)</u>	07/04/2015	Common Stock	10,0

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Director 10% Owner Officer

KUO JOHN W

C/O VARIAN MEDICAL SYSTEMS, INC. 3100 HANSEN WAY M/S E-327

PALO ALTO, CA 94304

Signatures

/s/ Franco N. Palomba, Attorney in Fact for John W.
Kuo
09/17/2008

**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 Rule10b5-1 Stock Plan
- (2) The 16,025 shares were sold in multiple transactions executed on the same day at prices ranging from \$62.00 to 62.37. The detailed breakdown of executed sales will be furnished upon request.

Reporting Owners 2

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- (3) Stock option granted under the Varian Medical Systems, 2000 Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 11/11/04, and the remaining shares in 24 equal installments over the 24 months following the first vesting date.
- Stock option granted under the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 07/04/2006, 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.