

VARIAN MEDICAL SYSTEMS INC
 Form 4
 July 30, 2008

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 *
 KUO JOHN W

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 07/28/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP, Gen Counsel and Secretary

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

(Street)

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

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 (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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 07/28/2008 | | M | | 5,000 | A | \$ 39.85 |
| Common Stock | 07/28/2008 | | M | | 10,000 | A | \$ 37.15 |
| Common Stock | 07/28/2008 | | S ⁽¹⁾ | | 400 | D | \$ 58.4802 |
| Common Stock | 07/28/2008 | | S ⁽¹⁾ | | 1,500 | D | \$ 58.54 |
| Common Stock | 07/28/2008 | | S ⁽¹⁾ | | 100 | D | \$ 58.56 |

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| | | | | | | | | |
|--------------|------------|-------------|-------|---|------------|-----------------------|---|--------------|
| Common Stock | | | | | | | | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 200 | D | \$ 58.5602 | 37,087 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,300 | D | \$ 58.59 | 35,787 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 200 | D | \$ 58.5902 | 35,587 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 700 | D | \$ 58.68 | 34,887 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,400 | D | \$ 58.74 | 33,487 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 100 | D | \$ 58.75 | 33,387 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,500 | D | \$ 58.77 | 31,887 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,500 | D | \$ 58.79 | 30,387 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,500 | D | \$ 58.8 | 28,887 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,400 | D | \$ 58.86 | 27,487 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 300 | D | \$ 58.88 | 27,187 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 1,300 | D | \$ 58.9 | 25,887 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 900 | D | \$ 58.91 | 24,987 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 200 | D | \$ 58.915 | 24,787 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 400 | D | \$ 58.92 | 24,387 | D | |
| Common Stock | 07/28/2008 | <u>S(1)</u> | 100 | D | \$ 58.96 | 24,287 ⁽²⁾ | D | |
| Common Stock | | | | | | 815.17 | I | By 401K Plan |

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

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(9-02)

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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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Non-Qualified Stock Option (right to buy) | \$ 37.15 | 07/28/2008 | | M | 10,000 | ⁽³⁾ 07/04/2015 | Common Stock | 10,000 |
| Non-Qualified Stock Option (right to buy) | \$ 39.85 | 07/28/2008 | | M | 5,000 | ⁽⁴⁾ 11/18/2014 | Common Stock | 5,000 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

KUO JOHN W
C/O VARIAN MEDICAL SYSTEMS, INC.
3100 HANSEN WAY M/S E-327
PALO ALTO, CA 94304

VP, Gen Counsel and Secretary

Signatures

John W. Kuo 07/29/2008

__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 Rule 10b5-1 Stock Plan.

(2) Amount of securities beneficially owned at the end of the reporting period reflect 466 shares purchased on March 28, 2008 under the Varian Medical Systems, Inc. Employee Stock Purchase Plan.

(3) 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.

(4) Stock option granted under the Varian Medical Systems, Inc. 2000 Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 11/18/05, 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.

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