VARIAN MEDICAL SYSTEMS INC Form S-8 POS August 08, 2008

As filed with the Securities and Exchange Commission on August 8, 2008

Registration No. 333-57006

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Post-Effective Amendment No. 3

to

FORM S-8

REGISTRATION STATEMENT

under

THE SECURITIES ACT OF 1933

VARIAN MEDICAL SYSTEMS, INC.

(Exact name of Registrant as specified in its charter)

Delaware (State of incorporation)

94-2359345 (I.R.S. Employer Identification No.)

3100 Hansen Way

Palo Alto, California 94304-1129

(Address of principal executive offices)

Varian Medical Systems, Inc.

2000 Stock Option Plan

(Full title of the Plan)

John W. Kuo

Corporate Vice President, General Counsel and Secretary

Varian Medical Systems, Inc.

3100 Hansen Way

Palo Alto, CA 94304-1129

(Name and address of agent for service)

(650) 493-4000

(Telephone number, including area code, of agent for service)

Large accelerated filer x

Accelerated filer "

Non-accelerated filer "

Smaller reporting company "

(Do not check if a smaller reporting company)

This registration statement on Form S-8, filed on March 14, 2001, registered 3,000,000 shares of common stock (and related Preferred Stock Purchase Rights) of Varian Medical Systems, Inc. (the Registrant) for a registration fee of \$49,706.25. Subsequently, on January 15, 2002 and July 30, 2004, the Registrant paid stock splits in the form of 100% stock dividends. By application of Rule 416 under the Securities Act of 1933, this registration statement is now deemed to extend to such additional shares (and related Preferred Stock Purchase Rights), such that the number of shares (and related Preferred Stock Purchase Rights) registered hereunder amounts to 12,000,000 (a registration fee of \$0.0041421875 per share), of which 2,164,521 shares (and related Preferred Stock Purchase Rights) were transferred on April 1, 2005 pursuant to Post-Effective Amendment No. 1 to the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan (to Registration Statement No. 333-123778) and of which 165,172 shares (and related Preferred Stock Purchase Rights) were transferred on August 31, 2007 pursuant to Post-Effective Amendment No. 2 to the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan (to Registration Statement No. 333-146176). The purpose of this Post-Effective Amendment No. 3 is to transfer an additional 14,116 of such shares (and related Preferred Stock Purchase Rights) to the Form S-8 Registration Statement for the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan (Second Amended and Restated 2005 Omnibus Stock Plan), for which a registration statement is being simultaneously filed. Such shares represent shares subject to awards granted under the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan became effective and which, pursuant to the terms of such plan, are available for grant thereunder.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant, a corporation organized and existing under the laws of the State of Delaware, certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment to Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Palo Alto, State of California, on this 7th day of August, 2008.

VARIAN MEDICAL SYSTEMS, INC.

By: /s/ John W. Kuo John W. Kuo

Corporate Vice President, General Counsel and Secretary

Pursuant to the requirements of the Securities Act of 1933, as amended, this Post-Effective Amendment to Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Timothy E. Guertin	President and Chief Executive Officer and Director (Principal Executive Officer)	August 7, 2008
Timothy E. Guertin		
/s/ Elisha W. Finney	Senior Vice President, Finance and Chief Financial Officer (Principal Financial Officer)	August 7, 2008
Elisha W. Finney		
/s/ Tai-Yun Chen	Corporate Vice President and Corporate Controller (Principal Accounting Officer)	August 7, 2008
Tai-Yun Chen		
*Richard M. Levy	Chairman of the Board	August 7, 2008
*Susan L. Bostrom	Director	August 7, 2008
*John Seely Brown	Director	August 7, 2008
*R. Andrew Eckert	Director	August 7, 2008
*Mark R. Laret	Director	August 7, 2008
*David W. Martin, Jr.	Director	August 7, 2008
*Ruediger Naumann-Etienne	Director	August 7, 2008
*Kent J. Thiry	Director	August 7, 2008

*By /s/ John W. Kuo John W. Kuo

Attorney-in-fact