AGILENT TECHNOLOGIES INC Form S-8 May 13, 2008

As filed with the Securities and Exchange Commission on May 13, 2008.

Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT

Under

The Securities Act of 1933

AGILENT TECHNOLOGIES, INC.

(Exact name of Registrant as specified in its charter)

Delaware (State or Other Jurisdiction of Incorporation or Organization) 77-0518772 (I.R.S. Employer Identification No.)

5301 Stevens Creek Blvd.

Santa Clara, CA 95051

(Address, including zip code, of Registrant s principal executive offices)

AGILENT TECHNOLOGIES, INC. EMPLOYEE STOCK PURCHASE PLAN

(Full title of the Plans)

William P. Sullivan

Director, President and Chief Executive Officer

Agilent Technologies, Inc.

5301 Stevens Creek Blvd.

Santa Clara, CA 95051

(408) 553-7777

(Name, address, and telephone number, including area code, of agent for service)

Copies to:

D. Craig Nordlund, Esq.

Marie Oh Huber, Esq.

Agilent Technologies, Inc.

5301 Stevens Creek Blvd.

Santa Clara, CA 95051

(408) 553-7777

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

Large accelerated filer x Non-accelerated filer o (do not check if a smaller reporting company) Accelerated filer o Smaller reporting company o

CALCULATION OF REGISTRATION FEE

| Title of Securities to be Registered | Amount to be Registered | Proposed Maximum Offering Price Per Share | Proposed Maximum Aggregate Offering Price | Amount Registrat Fee (1) | ion |
|--------------------------------------|----------------------------|---|---|--------------------------------|---------|
| Common Stock, \$0.01 par value | | | | | |
| Employee Stock Purchase Plan | 10,000,000 (2)(4) | \$ 27.13(3) | \$ 271,320,000 | \$ 10 | ,662.88 |

⁽¹⁾ Amount of registration fee was calculated pursuant to Section 6(b) of the Securities Act of 1933, which provides that the fee shall be \$39.30 per \$1,000,000 of the proposed maximum aggregate offering price of the securities proposed to be offered.

(2) Includes increases to the number of shares of Agilent s Common Stock reserved for issuance under, and which annual increases are provided for, in the Employee Stock Purchase Plan.
(3) Estimated in accordance with Rule 457(c) and (h) solely for the purpose of calculating the filing fee on the basis of \$27.13 per share, which represents 85% of the average of the high and low prices reported on the New York Stock Exchange on May 7, 2008.
(4) In accordance with Rule 416(a), Agilent is also registering hereunder an indeterminate number of shares that may be issued and resold to prevent dilution resulting from stock splits, stock dividends or similar transactions.

Explanatory Note Registration of Additional Securities

This Registration Statement is filed pursuant to Item E under the general instruction to Form S-8 under the Securities Act of 1933, as amended, with respect to 10,000,000 additional shares of Registrant s Common Stock that may be issued pursuant to Agilent s Employee Stock Purchase Plan, as amended (the Plan), as a result of certain automatic increases. Accordingly, the contents of Agilent s Form S-8 Registration Statement No. 333-47024 filed by Agilent with the Securities and Exchange Commission on September 29, 2000 is incorporated herein by reference.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. <u>Incorporation of Documents by Reference</u>.

The following documents are incorporated by reference in this Registration Statement:

- (a) Agilent s Annual Report on Form 10-K for the fiscal year ended October 31, 2007, filed with the Commission on December 21, 2007, pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the Exchange Act);
- (b) Agilent s Quarterly Report on Form 10-Q for the quarter ended January 31, 2008, filed with the Commission on March 7, 2008; and
- (c) Agilent s Current Reports on Form 8-K, filed with the Commission on March 24, 2008, March 25, 2008 and April 10, 2008; and
- (d) The description of Agilent's Common Stock contained in Agilent's Registration Statement on Form 8-A filed with the Commission on May 17, 2000, including any amendment or report filed for the purpose of updating such description.

All documents filed by Agilent subsequent to the date of this Registration Statement pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents (but this shall not include any document that is merely furnished to the Commission). Any statement contained in this Registration Statement or in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained or incorporated by reference herein or in any subsequently filed document which is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 5. <u>Interests of Named Experts and Counsel</u>.

As of May 12, 2008, D. Craig Nordlund, who is issuing the opinion regarding the legality of Agilent s Common Stock offered hereby, is Senior Vice President, General Counsel and Secretary of Agilent. Mr. Nordlund owns Common Stock and performance units of Agilent and holds employee stock options to purchase Common Stock of Agilent.

Item 8. Exhibits.

See Exhibit Index

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant, Agilent Technologies, Inc., 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 Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Santa Clara, State of California, United States on this 13th day of May, 2008.

AGILENT TECHNOLOGIES, INC.

By: /s/ William P. Sullivan William P. Sullivan

Chief Executive Officer and President

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints D. Craig Nordlund and Marie Oh Huber, jointly and severally his or her attorneys-in-fact, each with the power of substitution, for him or her in any and all capacities, to sign any amendments to this Registration Statement on Form S-8 and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that said attorney-in-fact, or their substitute or substitutes, may do or cause to be done by virtue hereof. The following persons executed this power of attorney in the capacities and on the dates indicated below.

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

| Signature | Title | Date |
|--|---|--------------|
| /s/ William P. Sullivan William P. Sullivan | Director, President and Chief Executive Officer (Principal Executive Officer) | May 9, 2008 |
| /s/ Adrian T. Dillon Adrian T. Dillon | Executive Vice President, Finance and Administration, Chief Financial Officer (Principal Financial Officer) | May 13, 2008 |
| /S/ DIDIER HIRSCH Didier Hirsch | Vice President, Corporate Controllership and Tax (Principal Accounting Officer) | May 13, 2008 |
| /s/ James G. Cullen James G. Cullen | Chairman of the Board of Directors | May 12, 2008 |
| /S/ PAUL N. CLARK Paul N. Clark | Director | May 9, 2008 |

| /S/ ROBERT J. HERBOLD Robert J. Herbold | Director | May 12, 2008 |
|--|----------|--------------|
| /S/ ROBERT L. JOSS Robert L. Joss | Director | May 12, 2008 |
| Koh Boon Hwee | Director | May , 2008 |
| /S/ HEIDI KUNZ Heidi Kunz | Director | May 9, 2008 |
| /S/ DAVID M. LAWRENCE David M. Lawrence, M.D. | Director | May 10, 2008 |
| A. Barry Rand | Director | May , 2008 |

Index to Exhibits

| Exhibit | |
|---------|---|
| Number | Description |
| 5.1 | Opinion of D. Craig Nordlund, Senior Vice President, General Counsel and Secretary, as to legality of securities being registered |
| 10.1(1) | Agilent Technologies, Inc. Employee Stock Purchase Plan (Amended and Restated, Effective November 1, 2005) |
| 23.1 | Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm |
| 23.2 | Consent of D. Craig Nordlund, Senior Vice President, General Counsel and Secretary (contained in Exhibit 5.1) |
| 24.1 | Power of Attorney (contained in the signature page of the Registration Statement) |
| | |

⁽¹⁾ Incorporated by reference to Exhibit 10.55 to Agilent s Quarterly Report on Form 10-Q filed with the Securities Exchange Commission on September 7, 2005.