

AGILENT TECHNOLOGIES INC
 Form 3/A
 May 23, 2008

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * Ô Odeh Saleem N. (Last) (First) (Middle) 5301 STEVENS CREEK BLVD. (Street) SANTA CLARA, Ô CA Ô 95051 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 11/15/2007 | 3. Issuer Name and Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A] | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) Vice President | 5. If Amendment, Date Original Filed(Month/Day/Year) 11/21/2007 | 6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
|---|--|---|--|--|---|

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock | 7,963.8447 | D | Ô |
| Common Stock | 459 | I | Held by Saleem N. Odeh & Sharon M. Odeh Trust |
| Common Stock <u>(1)</u> | 25.302 | I | By 401(k) Plan |

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security | 2. Date Exercisable and Expiration Date | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial |
|---------------------------------|---|--|---------------|--------------|----------------------------------|
|---------------------------------|---|--|---------------|--------------|----------------------------------|

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Conversion from HP stock options as a result of the June 2, 2000 spin-off of Agilent Technologies, Inc. by Hewlett-Packard Company, in a transaction exempt from Rule 16b-3.

- (3) This option is fully vested and exercisable.
- (4) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.
- (5) The option is exercisable in four equal installments beginning on the first anniversary of the date of the grant. The first vesting date is stated.

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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