

DILLON ADRIAN T
 Form 4
 November 20, 2008

FORM 4

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

OMB APPROVAL

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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 *
 DILLON ADRIAN T

2. Issuer Name and Ticker or Trading Symbol
 AGILENT TECHNOLOGIES INC
 [A]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 5301 STEVENS CREEK BLVD, MS 1A-LC
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/18/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 EVP, Finance & Admin., CFO

SANTA CLARA, CA 95051

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

(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)			
				(A) or (D)	Price					
				Code	V	Amount				
Common Stock	10/31/2008		J ⁽¹⁾	V	188.15	A	\$ 18.86	180,195.7	D	
Common Stock	11/06/2008		J ⁽²⁾	V	79.854	A	\$ 21.43	22,756.099	I	By 401(k) Plan
Common Stock	11/18/2008		A ⁽³⁾		52,170	A	\$ 19	232,365.7	D	
Common Stock	11/18/2008		F		20,343	D	\$ 19	212,022.7	D	

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

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(9-02)

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)
Employee Stock Option (Right to Buy) ⁽⁴⁾	\$ 19	11/18/2008		A	173,453	11/18/2009 ⁽⁵⁾ 11/17/2018	Common Stock 173,453

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

DILLON ADRIAN T
5301 STEVENS CREEK BLVD, MS 1A-LC
SANTA CLARA, CA 95051

EVP, Finance & Admin., CFO

Signatures

/s/ Marie Oh Huber, attorney-in-fact for Mr. Dillon

11/20/2008

__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) Shares acquired in an Employee Stock Purchase Plan under Section 423 of the Internal Revenue Code of 1986, as amended, in a transaction exempt under Rule 16b-3.
- (2) Shares acquired under the 401(k) plan from the employee contributions, exempt under Rule 16b-3(c). The information in this report is based on a plan statement dated November 6, 2008 for the period ending October 31, 2008.
- (3) On November 18, 2008, 52,170 shares of common stock of Agilent Technologies, Inc. were awarded to the reporting person pursuant to the Agilent Technologies, Inc. Long-Term Performance Program.
- (4) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.

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- (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. 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.