AGILENT TECHNOLOGIES INC
Form 3
November 21, 2007

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 *
Â Nersesian Ronald S.
(Last) (First) (Middle)

5301 STEVENS CREEK BLVD.
(Street)

SANTA CLARA,Â CAÂ 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)
_____ Director
_____ 10% Owner
__X__ Officer (give title below)
_____ Other (specify below)
Vice President

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ 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	3,167.4392	D	Â

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 (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of			

				Shares		(I) (Instr. 5)	
Employee Stock Option (Right to Buy) (1)	06/17/2003(2)	06/16/2012	Common Stock	6,563	$ 23.54	D	Â
Employee Stock Option (Right to Buy) (1)	01/26/2005(3)	01/25/2014	Common Stock	26,253	$ 31.93	D	Â
Employee Stock Option (Right to Buy) (1)	01/24/2006(3)	01/23/2015	Common Stock	13,127	$ 20.62	D	Â
Employee Stock Option (Right to Buy) (1)	01/17/2007(3)	01/16/2016	Common Stock	21,002	$ 31.93	D	Â
Employee Stock Option (Right to Buy) (1)	11/15/2007(3)	11/14/2016	Common Stock	25,000	$ 33.14	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Nersesian Ronald S. 5301 STEVENS CREEK BLVD. SANTA CLARA,Â CAÂ 95051	Â	Â	Â Vice President	Â

Signatures

Marie Oh Huber, attorney-in-fact for Mr. Nersesian	11/21/2007
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 5(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) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.

(2) The option is fully vested and exercisable.

(3) The option is exercisable in four equal annual 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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