Nersesian Ronald S. Form 4 November 18, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

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**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Nersesian Ronald S. Issuer Symbol AGILENT TECHNOLOGIES INC (Check all applicable) [A] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify \_X\_\_ Officer (give title (Month/Day/Year) below) 5301 STEVENS CREEK BLVD. 11/16/2011 Exec. Vice President, COO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting Person

#### SANTA CLARA, CA 95051

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secur	ities Acq	uired, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			of (D)	5. Amount of Securities Beneficially Owned Following	Ownership Ind Form: Be	7. Nature of Indirect Beneficial Ownership
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock	10/31/2011		J <u>(1)</u> V	87.275	A	\$ 31.51	73,574.8412	D	
Common Stock	11/16/2011		A(2)	22,868	A	\$ 38.58	96,442.8412	D	
Common Stock	11/16/2011		F	5,502	D	\$ 38.58	90,940.8412	D	
Common Stock	11/16/2011		A(3)	5,899	A	\$ 38.58	96,839.8412	D	
Common Stock	11/16/2011		F	2,753	D	\$ 38.58	94,086.8412	D	
	11/17/2011		F	2,335	D		91,751.8412	D	

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Common Stock					\$ 37.21		
Common Stock	11/18/2011	M(4)	20,739	A	\$ 19	112,490.8412	D
Common Stock	11/18/2011	S(4)	20,739	D	\$ 37.43	91,751.8412	D
Common Stock	11/17/2011	S(4)	3,146		\$ 38.34		D
Common Stock	11/18/2011	S(4)	6,097	D	\$ 37.43	82,508.8412	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 Disposed of (Instr. 3, 4,	Securities A) or f (D)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Employee Stock Option (Right to Buy) (5)	\$ 19	11/18/2011		M(4)	(4.5)	20,739	11/18/2009 <u>(6)</u>	11/17/2018	Common Stock
Employee Stock Option (Right to Buy) (5)	\$ 37.21	11/17/2011		A	112,697		11/17/2012 <u>(6)</u>	11/16/2021	Common Stock

# **Reporting Owners**

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

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# **Signatures**

/s/ Stephen D. Williams	attorney-in-fact for Mr.
Nersesian	

11/18/2011

\*\*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.
- On November 16, 2011, 22,868 shares of common stock of Agilent Technologies, Inc. were awarded to the reporting person pursuant to (2) the Agilent Technologies, Inc. Long-Term Performance Program. Under the Agilent Technologies, Inc. Deferred Compensation Plan, the reporting person has elected to defer 11,269 of such shares of common stock
- (3) On November 16, 2011, 5,899 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) This transaction was effected pursuant to a Rule 10b5-1 plan.
- (5) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.
- (6) 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.

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