AGILENT TECHNOLOGIES INC

Form 4

November 19, 2013

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 4 or Form 5 obligations may continue.

Check this box

if no longer

Section 16.

subject to

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

See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(C:tr.)

(State)

(7:n)

(Print or Type Responses)

1. Name and Address of Reporting Person ** Nersesian Ronald S.	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	AGILENT TECHNOLOGIES INC [A]	(Check all applicable)			
(Last) (First) (Middle) 5301 STEVENS CREEK BLVD.	3. Date of Earliest Transaction (Month/Day/Year) 11/15/2013	Director 10% Owner X Officer (give title Other (specif below) below)			
(Street)	4. If Amendment, Date Original	Executive Vice President 6. Individual or Joint/Group Filing(Check			
SANTA CLARA, CA 95051	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tabl	e I - Noi	n-D	erivative S	Securi	ties Acqu	iired, 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. Securiti Transaction(A) or Dis Code (Instr. 3, 4 (Instr. 8)			* '		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)
Common Stock	10/31/2013		J	V	86.906 (1)	A	\$ 43.15	46,512.0612 (2)	D	
Common Stock	11/15/2013		F		2,609 (3)	D	\$ 54.93	43,903.0612	D	

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

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SEC 1474

(9-02)

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

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Title	and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amour	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date Expiration Exercisable Date	Expiration		Number		
								of			
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Nersesian Ronald S.

5301 STEVENS CREEK BLVD. Executive Vice President

SANTA CLARA, CA 95051

Signatures

/s/ Stephen D. Williams, attorney-in-fact for Mr.
Nersesian 11/19/2013

**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) 86.202 shares were acquired through the Agilent Technologies, Inc. dividend reinvestment plan.
- (3) The reporting person surrendered 2,609 shares to Agilent to satisfy tax liability on the release of restricted shares in accordance with Rule 16b-3.

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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