AGILENT TECHNOLOGIES INC

Form 4

February 21, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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if no longer subject to Section 16. Form 4 or

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

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).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * LAWRENCE DAVID M

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

AGILENT TECHNOLOGIES INC

(Check all applicable)

[A]

(Last) (First) 3. Date of Earliest Transaction

_X__ Director Officer (give title

10% Owner Other (specify

(Month/Day/Year) 5301 STEVENS CREEK BLVD, MS 02/19/2014

(Middle)

1A-LC

(Street) 4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

SANTA CLARA, CA 95051

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	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	02/19/2014		M	3,464	A	\$ 32.4	42,666.247 (1)	D	
Common Stock	02/19/2014		S	3,464	D	\$ 56.57 (2)	39,202.247	D	
Common Stock							2,336	I	By Trust

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

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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)	4. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title I
Non-Employee Director Stock Option (right to buy) (3)	\$ 32.4	02/19/2014	M	3,464	03/03/2005(4)	03/02/2014	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships				
. 0	Director	10% Owner	Officer	Other	
LAWRENCE DAVID M 5301 STEVENS CREEK BLVD, MS 1A-LC SANTA CLARA, CA 95051	X				

Signatures

/s/ Stephen D. Williams, attorney-in-fact for Dr. Lawrence

02/20/2014

**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) 370.923 shares were acquired through the Agilent Technologies, Inc. dividend reinvestment plan.
- (2) Average weighted sale price was \$56.57 with a range of \$56.56-\$56.58
- (3) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Non-Employee Director Stock Plan.
- (4) This option is fully vested and exercisable.

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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