AGILENT TECHNOLOGIES INC

Form 4

September 29, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

3235-0287 Number:

OMB APPROVAL

January 31, 2005

0.5

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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 * SULLIVAN WILLIAM P

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol AGILENT TECHNOLOGIES INC

(Check all applicable)

[A]

(Last) (First) (Middle)

(Street)

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

X Director 10% Owner

X_ Officer (give title _ Other (specify below)

President and CEO

5301 STEVENS CREEK BLVD, MS 09/26/2014

1A-LC

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

SANTA CLARA, CA 95051

(City)	(State)	(Zip) Tab	le I - Non-	Derivative S	Securit	ties Acqu	ired, 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 (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common			Code V	Amount	or (D)	Price	(Instr. 3 and 4) 669,604.595	` ,	
Stock	09/26/2014		M	267,221	A	29.46	(1)	D	
Common Stock	09/26/2014		M	227,666	A	\$ 35.21	897,270.595	D	
Common Stock	09/26/2014		S	494,887	D	\$ 56.45 (2)	402,383.595	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securi (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Employee Stock Option (Right to Buy) (3)	\$ 29.46	09/26/2014		M	267,221	11/18/2010(4)	11/17/2019	Common Stock	(
Employee Stock Option (Right to Buy) (3)	\$ 35.21	09/26/2014		M	227,666	11/17/2011(5)	11/16/2020	Common Stock	(

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
SULLIVAN WILLIAM P 5301 STEVENS CREEK BLVD, MS 1A-LC	X		President and CEO			
SANTA CLARA, CA 95051						

Signatures

/s/ Michael Tang, attorney-in-fact for Mr. Sullivan

09/29/2014

**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) 745.681 shares were acquired through the Agilent Technologies, Inc. dividend reinvestment plan.
- (2) Weighted average price was \$56.45 with a range of \$56.07 to \$56.75.

(3)

Reporting Owners 2

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Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.

- (4) The option is fully vested and exercisable
- (5) 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. 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.