AGILENT TECHNOLOGIES INC

Form 4

March 30, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

obligations

may continue.

Check this box

STATEMENT OF CHANGES IN 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

See Instruction 1(b).

1A-LC

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * SULLIVAN WILLIAM P

2. Issuer Name and Ticker or Trading

Symbol

AGILENT TECHNOLOGIES INC

[A]

(Middle) (Last) (First)

(Zip)

(Month/Day/Year)

5301 STEVENS CREEK BLVD, MS 03/28/2012

3. Date of Earliest Transaction

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

President and CEO

10% Owner

Other (specify

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

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Number:

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response...

Applicable Line)

_X__ Director

X_ Officer (give title

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

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

SANTA	CLARA,	CA	95051
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(Street)

(State)

		Table 1 Non Derivative Securities Required, Disposed oi, of Deficiently Owned							iy Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acq Transaction(A) or Disposed Code (Instr. 3, 4 and 5) (Instr. 8)		d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	03/28/2012		M	600	A	\$ 19	384,100	D	
Common Stock	03/28/2012		S	600	D	\$ 44.75	383,500	D	
Common Stock							9,697.796	I	By 401(k) Plan

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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displays a currently valid OMB control number.

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. 5. Number Transactionof Code Derivative (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Derivative (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 19	03/28/2012		M	600	11/18/2009(1)	11/17/2018	Common Stock	600

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips					
	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/ Stephen D. Williams, attorney-in-fact for Mr.
Sullivan
03/29/2012

**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) 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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