#### AGILENT TECHNOLOGIES INC

Form 4

December 26, 2013

### FORM 4 IINT

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

OMB Number: 3235-0287

**OMB APPROVAL** 

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

Form 4 or Form 5 obligations may continue.

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

response... 0.5

burden hours per

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Strohmeier Fred			2. Issuer Name and Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle) 5301 STEVENS CREEK BLVD		`	3. Date of Earliest Transaction (Month/Day/Year) 12/23/2013	Director 10% Owner X Officer (give title Other (specify below) Senior Vice President		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SANTA CLARA, CA 95051				Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-E	<b>Derivative</b>	Secui	rities Acq	uired, Disposed of	, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			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)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	12/23/2013		M	4,935	A	\$ 31.93	30,759.7856	D	
Common Stock	12/23/2013		S	4,935	D	\$ 57.61	25,824.7856	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)

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 proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Number of Shares
Employee Stock Option (Right to Buy) (1)	\$ 31.93	12/23/2013		M	4,935	01/26/2005(2)	01/25/2014	Common Stock	4,935

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Strohmeier Fred

5301 STEVENS CREEK BLVD Senior Vice President

SANTA CLARA, CA 95051

## **Signatures**

/s/ Michael Tang, attorney-in-fact for Mr.
Strohmeier 12/24/2013

\*\*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) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.
- (2) The 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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