#### AGILENT TECHNOLOGIES INC

Form 4

February 23, 2015

## FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005 Estimated average

0.5

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

See Instruction

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

burden hours per response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Glaize Solange			2. Issuer Name <b>and</b> Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) 5301 STEVEN	t) (First) (Middle) TEVENS CREEK BLVD		3. Date of Earliest Transaction (Month/Day/Year) 02/19/2015	Director 10% Owner Sofficer (give title Other (specify below) below) VP, Chief Accounting Officer		
	(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-D	erivative (	Securi	ties Acqu	ired, 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. 4. Securities Transaction(A) or Dispo Code (Instr. 3, 4 a			of (D)	5. Amount of Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4) Transaction(s)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	02/19/2015		M	8,901	A	\$ 25.73	14,271.454 (1)	D	
Common Stock	02/19/2015		S	8,901	D	\$ 41.5	5,370.454	D	
Common Stock	02/19/2015		M	5,689	A	\$ 21.53	11,059.454	D	
Common Stock	02/19/2015		S	5,689	D	\$ 41.5	5,370.454	D	
Common Stock	02/20/2015		M	7,710	A	\$ 27.19	13,080.454	D	

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Common Stock	02/20/2015	S	7,710	D	\$ 42	5,370.454	D	
Common Stock	02/20/2015	M	10,400	A	\$ 26.19	15,770.454	D	
Common Stock	02/20/2015	S	10,400				D	
Common Stock						5,661.387	I	Family Trust

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 required to respond unless the form displays a currently valid OMB control number.

(9-02)

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)	e 3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	nsactionDerivative e Securities		6. Date Exercisab Expiration Date (Month/Day/Year	7. Title and Amount Underlying Securition (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy) (2)	\$ 25.73	02/19/2015		M		8,901	11/17/2011 <sup>(3)</sup>	11/16/2020	Common Stock	8,90
Employee Stock Option (Right to Buy) (2)	\$ 21.53	02/19/2015		M		5,689	11/18/2010 <u>(3)</u>	11/17/2019	Common Stock	5,68
Employee Stock Option (Right to Buy) (2)	\$ 27.19	02/20/2015		M		7,710	11/17/2012 <u>(4)</u>	11/16/2021	Common Stock	7,71
Employee Stock Option	\$ 26.19	02/20/2015		M		10,400	11/21/2013(4)	11/20/2022	Common Stock	10,4

(Right to Buy) (2)

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Glaize Solange 5301 STEVENS CREEK BLVD SANTA CLARA, CA 95051

VP, Chief Accounting Officer

**Signatures** 

/s/ Michael Tang, attorney-in-fact for Ms. Glaize

02/23/2015

\*\*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) 18.158 shares were acquired through the Agilent Technologies Dividend Reinvestment plan
- (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.
- (3) The option is fully vested and exercisable
- (4) 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.

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