AGILENT TECHNOLOGIES INC

Form 4

March 19, 2015

Check this box

if no longer

subject to

Section 16.

Form 4 or

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading McMullen Michael R. Issuer Symbol AGILENT TECHNOLOGIES INC (Check all applicable) [A] _X__ Director (Last) (First) (Middle) 3. Date of Earliest Transaction 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 5301 STEVENS CREEK BLVD. 03/18/2015 CEO and President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SANTA CLARA, CA 95051 Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported (A)

Transaction(s) or (Instr. 3 and 4) Amount (D) Price

Common V 884 (1) D 12/29/2014 G \$0 73,700.1399 D Stock

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)required to respond unless the form 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)

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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 Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and	Securition
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy) (2)	\$ 42.12	03/18/2015		A	66,162	03/18/2016(3)	03/17/2025	Common Stock	66,1

Relationshins

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 5	Director	10% Owner	Officer	Other			
McMullen Michael R. 5301 STEVENS CREEK BLVD. SANTA CLARA, CA 95051	X		CEO and President				
Signatures							
/s/ Michael Tang, attorney-in-fact McMullen	for Mr.		03/18/2015				
**Signature of Reporting Person	n		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 reporting person gifted a total of 884 shares of Agilent Technologies, Inc. common stock.
- (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule
- (3) 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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