AGILENT TECHNOLOGIES INC

Form 4 May 20, 2016

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

OMB APPROVAL

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

burden hours per response... 0.5

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * McMullen Michael R.			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			AGILENT TECHNOLOGIES INC [A]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) below)		
5301 STEVENS CREEK BLVD.			05/19/2016	CEO and President		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
SANTA CLA	ARA, CA 95	5051		_X_Form filed by One Reporting PersonForm filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transactionr Disposed of (D) Securities Ownership Indirect (Instr. 3) (Instr. 3, 4 and 5) Code Beneficially Form: Beneficial (Month/Day/Year) Owned Direct (D) Ownership (Instr. 8) Following or Indirect (Instr. 4) Reported (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount (D) Price Common 05/19/2016 M 26,885 A 171,473.279 D Stock 13.89 \$ Common

Stock	05/19/2016	M	97,526	A	21.53	268,999.279	D
Common Stock	05/19/2016	S	124,411	D	\$ 44.46 (1)	144,588.279	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)required to respond unless the form

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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. 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 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)	\$ 13.89	05/19/2016		M	26,885	11/18/2009(3)	11/17/2018	Common Stock	26,8
Employee Stock Option (Right to Buy) (4)	\$ 21.53	05/19/2016		M	97,526	11/18/2010(3)	11/17/2019	Common Stock	97,5

Reporting Owners

Reporting Owner Name / Address	Relationships						
	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.		05/20/2016				

Explanation of Responses:

**Signature of Reporting Person

- * 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 weighted average sale price is \$44.46 with a range of \$44.06-\$44.81.
- (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.

Date

(3) The option is fully vested and exercisable

Reporting Owners 2

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

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.