McMullen Michael R. Form 4 April 03, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB**

OMB APPROVAL

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Washington, D.C. 20549

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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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

may continue. 30(h) of the Investment Company Act of 1940 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 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) 04/02/2012	Director 10% Owner Officer (give title Other (specify below) Senior Vice President			
(Street) SANTA CLARA, CA 95051	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 Form filed by More than One Reporting Person			
(City) (State) (Zip)	Table I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owned			

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	, or Beneficiall	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or D	ispose	d of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(A)		Reported	(Instr. 4)	
					or		Transaction(s)		
			Code V	Amount		Price	(Instr. 3 and 4)		
Common	0.4/0.2/2.01.2		3 . $\sigma(1)$	7 000		\$	07.650.1000	.	
Stock	04/02/2012		M(1)	5,000	Α	20.62	97,652.1099	D	
~						Φ.			
Common	04/02/2012		$S^{(1)}$	5,000	D	\$	92,652.1099	D	
Stock	01/02/2012		~_	5,000	_	44.51	72,002.1077	_	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	erivative Expiration Date rities (Month/Day/Year) uired or osed of r. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Employee Stock Option (Right to Buy) (2)	\$ 20.62	04/02/2012		M <u>(1)</u>	5,000	01/24/2006(3)	01/23/2015	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McMullen Michael R.

SANTA CLARA, CA 95051

5301 STEVENS CREEK BLVD.

Senior Vice President

Signatures

/s/ Stephen D. Williams, attorney-in-fact for Mr. McMullen

04/03/2012

**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) This transaction was effected pursuant to a Rule 10b5-1 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) This 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.

Reporting Owners 2