AGILENT TECHNOLOGIES INC

Form 4

February 26, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, Expires:

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Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

(State)

RAND A BARRY

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

AGILENT TECHNOLOGIES INC

3. Date of Earliest Transaction

[A]

(Check all applicable) X_ Director

Officer (give title

10% Owner Other (specify

(Month/Day/Year) 5301 STEVENS CREEK BLVD, MS 02/24/2014

(Middle)

(Zip)

1A-LC

(Last)

(City)

(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 Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SANTA CLARA, CA 95051

		1 401	To 1 - Non-Derivative Securities Acquired, Disposed of, or Deficiciany Owned						
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or D	ispose	d of (D)	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	02/24/2014		M	3,464	A	\$ 32.4	51,760.218 (1)	D	
Common Stock	02/24/2014		S	3,464	D	\$ 56.77	48,296.218	D	

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. Transaction Code (Instr. 8)	5. Number out of 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 An Underlying Sec (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	
Non-Employee Director Stock Option (right to buy) (2)	\$ 32.4	02/24/2014		M	3,464	03/03/2005(3)	03/02/2014	Common Stock	

Reporting Owners

Reporting Owner Name / Address	Kelationships					
. 0	Director	10% Owner	Officer	Other		
ND A BARRY						
01 STEVENS CREEK BLVD, MS 1A-LC	X					
NTA CLARA, CA 95051						

Signatures

530 SAI

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

02/25/2014

**Signature of Reporting Person

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) 365.194 shares were acquired through the Agilent Technologies, Inc. dividend reinvestment plan.
- (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Non-Employee Director Stock Plan.

Date

(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.

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