Sene Guy Form 4 January 28, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

See Instruction

See Instruction

See Instruction

See Instruction

Fried pursuant to Section 10(a) of the Sectio

1(b).

(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 Sene Guy Issuer Symbol AGILENT TECHNOLOGIES INC (Check all applicable) [A] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 5301 STEVENS CREEK BLVD 01/24/2013 Senior Vice 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

			1 croon									
(City)	(State)	(Zip) T	able l	I - Non-D	erivative Securities Acqu	uired, Disposed of	, or Beneficiall	y Owned				
1.Title of	2. Transaction Date	2A. Deemed	3		4. Securities Acquired	5. Amount of	6.	7. Nature of				
Security	(Month/Day/Year)	Execution Date, i	if T	ransactio	n(A) or Disposed of (D)	Securities	Ownership	Indirect				
(Instr. 3)		anv	C	Code	(Instr. 3, 4 and 5)	Beneficially	Form: Direct	Beneficial				

Security	(Monumbay/ 1 car)	Execution Date, ii	Transaction(A) of Disposed of (D)			Securities	Ownership	mancet	
(Instr. 3)		any	Code	(Instr. 3,	4 and 5	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	(D)	Price	(Instr. 3 and 4)		
Common Stock	01/24/2013		M	10,558 (1)	A	\$ 19.69	28,288	D	
Common Stock	01/24/2013		S	10,558 (1)	D	\$ 45.02	17,730	D	

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

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SEC 1474

(9-02)

of

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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ive Expiration Date es (Month/Day/Year) ed (A) osed of		7. Title and Amount Underlying Securitic (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy) (3)	\$ 19.69	01/24/2013		M		10,558	12/02/2009(4)	12/01/2018	Common Stock	10,5

Reporting Owners

Panarting Owner Name / Address	Relationships
Poporting Owner Name / Address	•

Director 10% Owner Officer Other

Sene Guy

5301 STEVENS CREEK BLVD Senior Vice President

SANTA CLARA, CA 95051

Signatures

Stephen D. Williams, attorney-in-fact for Mr. Sene 01/25/2013

**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) The Exercise and Sale were transacted under a 10b5-1 sales plan.
- (2) The weighted average sale price \$45.02 with a range of \$45.01-\$45.03
- (3) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.
- (4) The 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