#### AGILENT TECHNOLOGIES INC

Form 4

December 15, 2014

## FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

#### OMB APPROVAL

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Check this box if no longer subject to Section 16.

Form 4 or

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Washington, D.C. 20549

Form 5 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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Grau Dominique 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 12/11/2014 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 Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
			Code V	(A) or Amount (D) Price	Reported Transaction(s) (Instr. 3 and 4)						
Common Stock	12/11/2014		F	$327 \frac{(1)}{2} D $ \$ 41.51	25,015.768	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)

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or Namel		
						Exercisable	Date	Title Number			
				C = V	(A) (D)				of		
				Code V	(A) (D)				Shares		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Grau Dominique

5301 STEVENS CREEK BLVD Senior Vice President

SANTA CLARA, CA 95051

### **Signatures**

/s/ Michael Tang, Attorney-in-fact for Mr.
Grau 12/11/2014

\*\*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 reporting person surrendered 327 shares to Agilent to satisfy tax liability on the release of his restricted shares in accordance 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.

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