#### AGILENT TECHNOLOGIES INC

Form 4

November 24, 2014

FORM 4	4				OMB AP	PROVAL		
	UNITE	ED STATES	S SECURITIES AND EXCHANGE ( Washington, D.C. 20549	COMMISSION	OMB Number:	3235-0287		
Check this be if no longer		FMFNT ()	F CHANGES IN BENEFICIAL OW	NERSHIP OF	Expires:	January 31, 2005		
subject to Section 16.	Section 16. SECURITIES					verage s per 0.5		
Form 4 or Form 5 obligations may continue. See Instruction 1(b).  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 Resp	ponses)							
1. Name and Address of Reporting Person ** Grau Dominique			2. Issuer Name <b>and</b> Ticker or Trading Symbol AGILENT TECHNOLOGIES INC	5. Relationship of Reporting Person(s) to Issuer				
			[A]	(Check all applicable)				
(Last) 5301 STEVEN	(Last) (First) (Middle) 3301 STEVENS CREEK BLVD		3. Date of Earliest Transaction (Month/Day/Year) 11/21/2014	Director 10% Owner _X Officer (give title Other (specify below)  Senior Vice President				
(Street) SANTA CLARA, CA 95051			4. If Amendment, Date Original Filed(Month/Day/Year)	<ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul>				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	Person puired, Disposed of,	or Beneficiall	y Owned		

1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio		es Acquired posed of (D)	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of 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)
					( <b>A</b> )	Reported		
					(A)	Transaction(s)		
			Code V		or (D) Price	(Instr. 3 and 4)		
Common Stock	11/21/2014		F	893 <u>(1)</u> I	D \$ 42.25	25,644.768	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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		Number		
				C-1- 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 11/24/2014

\*\*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 893 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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