AGILENT TECHNOLOGIES INC

Form 4

September 30, 2014

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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

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

1(b).

(Print or Type Responses)

1. Name and Add HIRSCH DID	ress of Reporting Person *_ IER	2. Issuer Name and Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 5301 STEVEN	(First) (Middle) US CREEK BLVD.	3. Date of Earliest Transaction (Month/Day/Year) 09/29/2014	Director 10% OwnerX Officer (give title Other (specify below) Sr. VP and CFO
	(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
SANTA CLAI	RA, CA 95051		Form filed by More than One Reporting Person

							1 010011		
(City)	(State)	(Zip) Tabl	e I - Non-D	Perivative S	Securi	ities Acqu	iired, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securiti n(A) or Dis (Instr. 3, 4)	posed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/29/2014		M	25,237	A	\$ 29.46	85,268.9648	D	
Common Stock	09/29/2014		S	25,237	D	\$ 56.96	60,031.9648	D	
Common Stock							100	I	Held by Spouse

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

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number.

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)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitic (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares
Employee Stock Option (Right to Buy) (1)	\$ 29.46	09/29/2014		M	25,237	11/18/2010(2)	11/17/2019	Common Stock	0

Reporting Owners

SANTA CLARA, CA 95051

Reporting Owner Name / Address	Relationships						
. 9	Director	10% Owner	Officer	Other			
HIRSCH DIDIER							
5301 STEVENS CREEK BLVD.			Sr. VP and CFO				

Signatures

/s/ Michael Tang, attorney-in-fact for Mr. 09/30/2014

**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) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.
- (2) 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