

Doak Mark
Form 4
November 16, 2017

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Doak Mark

2. Issuer Name **and** Ticker or Trading
Symbol
AGILENT TECHNOLOGIES INC
[A]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
5301 STEVENS CREEK BLVD
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
11/14/2017

____ Director ____ 10% Owner
____X____ Officer (give title below) ____ Other (specify below)
Sr. Vice President

SANTA CLARA, CA 95051

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
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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/14/2017		A	(A) or (D) Amount 13,262 (1)	\$ 67.46 (2)	60,345.757	D
Common Stock	11/14/2017		A	(A) or (D) Amount 22,352 (3)	\$ 67.46	82,697.757	D
Common Stock	11/14/2017		F	(A) or (D) Amount 8,177 (4)	\$ 67.46	74,520.757	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)

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. Transaction Code (Instr. 8)	5. Number 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 Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Doak Mark 5301 STEVENS CREEK BLVD SANTA CLARA, CA 95051	Sr. Vice President

Signatures

/s/ P. Diana Chiu, attorney-in-fact for Mr.
Doak 11/16/2017

__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) Restricted Stock Units granted under the Agilent Technologies, Inc. 2009 Stock Plan, in compliance with Rule 16b-3. The restricted stock units vest in four equal annual installments beginning on November 14, 2018.
- (2) Includes 7.099 Shares acquired in the Agilent Technologies, Inc. dividend reinvestment plan
- On November 14, 2017, 22,352 shares of common stock of Agilent Technologies, Inc. were issued to the reporting person pursuant to the
- (3) Agilent Technologies, Inc. Long-Term Performance Program, of which 4,470 shares were deferred pursuant to the Agilent Technologies, Inc. Deferred Compensation Plan.
- (4) The reporting person surrendered 8,177 shares to Agilent Technologies, Inc. to satisfy the tax liability on the vesting of restricted stock units 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.

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