

AGILENT TECHNOLOGIES INC  
 Form 3  
 September 17, 2014

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2015  
 Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Doak Mark		(Month/Day/Year)	AGILENT TECHNOLOGIES INC [A]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
5301 STEVENS CREEK BLVD			(Check all applicable)	
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)	
SANTA CLARA,Â CAÂ 95051			Sr. Vice President	
(City)	(State)	(Zip)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,789.183 <sup>(1)</sup>	D	Â

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

				Shares	(I) (Instr. 5)		
Employee Stock Option (Right to Buy) <sup>(2)</sup>	01/17/2007 <sup>(3)</sup>	01/16/2016	Common Stock	1,694	\$ 31.93	D	^
Employee Stock Option (Right to Buy) <sup>(2)</sup>	11/18/2010 <sup>(3)</sup>	11/17/2019	Common Stock	4	\$ 29.46	D	^
Employee Stock Option (Right to Buy) <sup>(2)</sup>	11/17/2011 <sup>(4)</sup>	11/16/2020	Common Stock	10,841	\$ 35.21	D	^
Employee Stock Option (Right to Buy) <sup>(2)</sup>	11/17/2012 <sup>(4)</sup>	11/16/2021	Common Stock	10,894	\$ 37.21	D	^
Employee Stock Option (Right to Buy) <sup>(2)</sup>	11/21/2013 <sup>(4)</sup>	11/20/2022	Common Stock	11,600	\$ 35.84	D	^
Employee Stock Option (Right to Buy) <sup>(2)</sup>	11/20/2014 <sup>(4)</sup>	11/19/2023	Common Stock	9,190	\$ 53.53	D	^

## 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/ Michael Tang, attorney-in-fact for Mr. Doak 09/15/2014

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) Common stock share amount stated includes 660,516 deferred shares
  - (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. Stock Plan, in compliance with Rule 16b-3.
  - (3) This option is fully vested and exercisable.
  - (4) The option is exercisable in four equal annual installments beginning on the first anniversary of the date of the grant. The first vesting date is stated.

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.