WILSON DOW R Form 4 March 22, 2019

FORM 4

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

OMB APPROVAL

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Expires: January 31, 2005

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Check this box if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 Address of Reporting Person * WILSON DOW R			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
			AGILENT TECHNOLOGIES INC [A]			
(Last) 5301 STEVI	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/21/2019	X Director 10% Owner Officer (give title below) Other (specification)		
(Street) 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 Ac	quired. Disposed of, or Beneficially Own		

(City)	(State) (Z	Table	I - Non-De	erivative Secur	ities Ac	quired, Disposed (of, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities		5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	nAcquired (A)	or	Securities Form: Direct		Indirect Beneficial
(Instr. 3)		any	Code	Disposed of (D)		Beneficially	(D) or	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and	15)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				(4)		Reported		
				(A)		Transaction(s)		
			Code V	Amount (D)	Price	(Instr. 3 and 4)		
Common Stock	03/21/2019		A	2,823 (1) A	\$ 82	5,725.471 (2)	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 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. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Troporting of their remarks	Director	10% Owner	Officer	Other			
WILSON DOW R 5301 STEVENS CREEK BLVD SANTA CLARA, CA 95051	X						

Signatures

/s/ P. Diana Chiu, attorney-in-fact for Mr. Wilson 03/21/2019

**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) Shares acquired from award of Agilent Technologies, Inc. common stock for Non-Employee Directors that are fully vested upon grant. The reporting person has elected to defer receipt of these shares of common stock.
- (2) 26.471 shares were acquired through the Agilent Technologies, Inc. dividend reinvestment plan.

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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