Thaysen Jacob Form 4 May 23, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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response...

subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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

See Instruction

(Middle)

(Zip)

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Thaysen Jacob

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

AGILENT TECHNOLOGIES INC

[A]

3. Date of Earliest Transaction

(Month/Day/Year) 05/15/2018

Filed(Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

below) Sr Vice President

5301 STEVENS CREEK BLVD (Street)

(State)

(First)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SANTA CLARA, CA 95051

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired 5. Amount of Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

Securities Beneficially (D) or Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4)

(A)

Transaction(s) Price

Code V Amount (D)

(Instr. 3 and 4)

Common 05/15/2018 Stock

2,116 A (1) 62.5

42,575

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address]	Relationships	

Director 10% Owner Officer Other

Thaysen Jacob

5301 STEVENS CREEK BLVD Sr Vice President

SANTA CLARA, CA 95051

Signatures

/s/ P. Diana Chiu, attorney-in-fact for Mr.
Thaysen

05/23/2018

**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. 2018 Stock Plan, in compliance with Rule 16b-3. The restricted stock units vest in four equal annual installments beginning on May 15, 2019.

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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