Huber Marie Oh Form 4 December 03, 2009

Section 16.

Form 4 or

Form 5

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

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

1A-LC

(Print or Type Responses)

1. Name and Address of Reporting Person *

Huber Marie Oh

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction

Symbol

AGILENT TECHNOLOGIES INC

[A]

(Last) (First) (Middle)

(Month/Day/Year)

5301 STEVENS CREEK BLVD, MS 12/01/2009

(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 Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

Sr VP, General Counsel & Sec.

10% Owner Other (specify

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Issuer

below)

Director

X_ Officer (give title

SANTA	CLARA,	CA 9505
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(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secu	rities Acqu	ired, 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. Transactic Code (Instr. 8)	4. Securion(A) or D (Instr. 3,	ispose 4 and (A) or	d 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	12/01/2009		M	42	A	\$ 26.83	21,683.477	D	
Common Stock	12/01/2009		S	42	D	\$ 29.43	21,641.477	D	
Common Stock	12/01/2009		S(1)	4,170	D	\$ 29.391	17,471.477	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

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displays a currently valid OMB control

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. Transactic Code (Instr. 8)	5. onNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	;		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secur (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Option (Right to Buy) (2)	\$ 26.83	12/01/2009		M	42	(3)	05/16/2010	Common Stock	42	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Huber Marie Oh 5301 STEVENS CREEK BLVD, MS 1A-LC SANTA CLARA, CA 95051

Sr VP, General Counsel & Sec.

Signatures

/s/ Stephen D. Williams, attorney-in-fact for Ms.

Huber 12/03/2009

**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) The weighted average sales price was \$29.391 with a range of \$29.39 to \$29.391. The actual sales prices are as follow: 1,000 shares sold at \$29.39 and 3,170 shares sold at \$29.391.
- (2) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.
- (3) 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.

Reporting Owners 2

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