

Huber Marie Oh
Form 4
November 19, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Huber Marie Oh

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, MS 1A-LC

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
11/17/2010

____ Director
 Officer (give title below) Sr VP, General Counsel & Sec.
____ 10% Owner
____ Other (specify below)

SANTA CLARA, CA 95051

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	11/17/2010		A ⁽¹⁾		7,935	A	\$ 35.21
Common Stock	11/17/2010		F		3,673	D	\$ 35.21
Common Stock	11/17/2010		A ⁽²⁾		12,500	A	\$ 0

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

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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 Security (Instr. 3 and 4)	Amount or Number of Shares
				Code V (A) (D)		Date Exercisable Expiration Date	Title	
Employee Stock Option (Right to Buy) ⁽³⁾	\$ 35.21	11/17/2010		A	36,860	11/17/2011 ⁽⁴⁾ 11/16/2020	Common Stock	36,8

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
11/19/2010
**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) On November 17, 2010, 7,935 shares of common stock of Agilent Technologies, Inc. were awarded to the reporting person pursuant to the Agilent Technologies, Inc. Long-Term Performance Program.
- (2) 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 17, 2011.
- (3) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 2009 Stock Plan, in compliance with Rule 16b-3.
- (4) The option is exercisable in four equal 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.

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