

AGILENT TECHNOLOGIES INC  
 Form 4  
 December 11, 2009

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

OMB APPROVAL

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**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 \*  
**HALLORAN JEAN**

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

3. Date of Earliest Transaction (Month/Day/Year)  
 12/09/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Senior Vice President

(Street)  
 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	Price	
Common Stock	12/09/2009		S		3,955	D \$ 29.15	81,559.32 D
Common Stock	12/09/2009		S		5,000	D \$ 29.13	76,559.32 D
Common Stock	12/09/2009		M		157,522	A \$ 24.45	234,081.32 D
Common Stock	12/09/2009		S <sup>(1)</sup>		157,522	D \$ 29.107	76,559.32 D
Common Stock	12/09/2009		M		26,778	A \$ 21.72	103,337.32 D

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Common Stock	12/09/2009	M	40,014	A	\$ 15.14	143,351.32	D
Common Stock	12/09/2009	S <sup>(2)</sup>	40,014	D	\$ 29.102	103,337.32	D
Common Stock	12/09/2009	S	26,778	D	\$ 29.1	76,559.32	D
Common Stock	12/09/2009	M	17,533	A	\$ 19	94,092.32	D
Common Stock	12/09/2009	S <sup>(3)</sup>	17,533	D	\$ 29.14	76,559.32	D

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

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(9-02)

**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 Securities (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (Right to Buy)	\$ 24.45	12/09/2009		M		157,522		11/26/2002	11/25/2011	Common Stock	157,522
Employee Stock Option (Right to Buy)	\$ 15.14	12/09/2009		M		40,014		11/19/2003	11/18/2012	Common Stock	40,014
Employee Stock Option (Right to Buy)	\$ 21.72	12/09/2009		M		26,778		11/16/2005	11/15/2014	Common Stock	26,778
Employee Stock	\$ 19	12/09/2009		M		17,533		11/18/2009	11/17/2018	Common Stock	17,533

Option  
(Right to  
Buy)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HALLORAN JEAN 5301 STEVENS CREEK BLVD, MS 1A-LC SANTA CLARA, CA 95051			Senior Vice President	

## Signatures

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

12/11/2009

\_\_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 \$29.107 with a range of \$29.10 to \$29.138. The actual sales prices are as follow: 69,433 shares sold at \$29.10; 36,860 shares sold at \$29.105; 3,500 shares sold at \$29.108; 21,105 shares sold at \$29.11; 6,124 shares sold at \$29.115; 600 shares sold at \$29.118; 2,500 shares sold at \$29.12; 5,000 shares sold at \$29.125; 1,000 shares sold at \$29.128; 4,000 shares sold at \$29.13; 7,000 shares sold at \$29.135; and 400 shares sold at \$29.138.

(2) The weighted average sales price was \$29.102 with a range of \$29.10 to \$29.11. The actual sales prices are as follow: 27,614 shares sold at \$29.10; 8,600 shares sold at \$29.105; 1,100 shares sold at \$29.108; and 2,700 shares sold at \$29.11.

(3) The weighted average sales price was \$29.14 with a range of \$29.10 to \$29.17. The actual sales prices are as follow: 1,933 shares sold at \$29.10; 1,000 shares sold at \$29.11; 3,500 shares sold at \$29.13; 3,500 shares sold at \$29.14; 1,300 shares sold at \$29.15; 5,300 shares sold at \$29.16; and 1,000 shares sold at \$29.17.

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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