AGILENT TECHNOLOGIES INC

Form 4

December 26, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

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

obligations

may continue.

See Instruction

Check this box

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 * HALLORAN JEAN

2. Issuer Name and Ticker or Trading

Symbol

AGILENT TECHNOLOGIES INC

[A]

Issuer

below)

Director

(Check all applicable)

Senior Vice President

5. Relationship of Reporting Person(s) to

(Last) (First) (Middle)

(Street)

12/24/2007

12/24/2007

12/24/2007

3. Date of Earliest Transaction

4. If Amendment, Date Original

10% Owner X_ Officer (give title Other (specify

(Month/Day/Year)

5301 STEVENS CREEK BLVD, MS 12/24/2007

1A-LC

Common

Common

Common

Stock

Stock

Stock

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

63,698.42

128,698.42

113,698.42

D

D

D

SANTA CLARA, CA 95051

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative S	Securi	ties 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. Transaction Code (Instr. 8)	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership	
		, , ,	Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock	12/24/2007		S	3,499	D	\$ 36.97	69,598.42	D	
Common Stock	12/24/2007		S	400	D	\$ 37	69,198.42	D	

5,500

65,000

15,000 D

D

S

M

S

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Common Stock	12/24/2007	S	5,700	D	\$ 36.9	107,998.42	D
Common Stock	12/24/2007	S	1,600	D	\$ 36.91	106,398.42	D
Common Stock	12/24/2007	S	700	D	\$ 36.92	105,698.42	D
Common Stock	12/24/2007	S	8,000	D	\$ 36.95	97,698.42	D
Common Stock	12/24/2007	S	300	D	\$ 36.96	97,398.42	D
Common Stock	12/24/2007	S	10,800	D	\$ 37	86,598.42	D
Common Stock	12/24/2007	S	8,500	D	\$ 37.01	78,098.42	D
Common Stock	12/24/2007	S	3,300	D	\$ 37.02	74,798.42	D
Common Stock	12/24/2007	S	4,400	D	\$ 37.03	70,398.42	D
Common Stock	12/24/2007	S	1,600	D	\$ 37.04	68,798.42	D
Common Stock	12/24/2007	S	1,700	D	\$ 37.06	67,098.42	D
Common Stock	12/24/2007	S	500	D	\$ 37.07	66,598.42	D
Common Stock	12/24/2007	S	500	D	\$ 37.1	66,098.42	D
Common Stock	12/24/2007	S	2,400	D	\$ 37.05	63,698.42	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and	7. Title and Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative		Expiration Date	Underlying Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)		
	Derivative				or Disposed of		
	Security				(D)		
	•				(Instr. 3, 4,		

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and 5)

			Code V (A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to	\$ 15.14 (1)	12/24/2007	M	65,000	11/19/2003	11/18/2012	Common Stock	65,000

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

Buy)

/s/ Marie Oh Huber, attorney-in-fact for Ms. Halloran

12/26/2007

Date

**Signature of Reporting Person

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).

Pursuant to the anti-dilution provisions in the Agilent Technologies, Inc. 1999 Stock Plan, the reporting person's stock options were adjusted to maintain their aggregate economic value in connection with the spinoff of the Issuer's subsidiary, Verigy Ltd., on October 31, 2006. The distribution of Verigy shares in connection with the spinoff was determined by the Board of Directors of the Issuer. The number of post-distribution option shares were determined by multiplying the pre-distribution shares by 1.05014 and rounding down to the largest number of whole shares. The post-distribution exercise price was calculated by multiplying the pre-distribution exercise price by 0.95224. The reported option shares and exercise price reflect such post-distribution calculation.

Remarks:

The option is exercisable in four equal annual installments beginning on the first anniversary of the date of the grant. The first 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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