AGILENT TECHNOLOGIES INC

Form 4

March 05, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

Form 5 obligations may continue. See Instruction

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 * LAWRENCE DAVID M

(First)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol AGILENT TECHNOLOGIES INC

[A]

(Check all applicable)

(Middle)

(Zip)

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

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

5301 STEVENS CREEK BLVD, MS 03/01/2007

1A-LC

(Last)

(City)

(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

Table I. Non Darivative Securities Acquired Disposed of ar Ranaficially Ov

SANTA CLARA, CA 95051

	(- 3)	(1 abi	e 1 - Non-1	jerivative S	ecurit	ies Acqu	irea, Disposea oi	, or Beneficiali	y Ownea	
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	Form: Direct	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
	Common Stock	03/01/2007		Code V $A_{(1)}^{(1)}$	Amount 1,995.7	(D)	Price \$ 31.44	14,194.4	D		
	Common Stock							5,069	I	By Trust	

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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)		or Exercise Price of Derivative Security	(monda, Day) Toda)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Year) e s		Underly Securiti	erlying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> 10% Owner Officer Other Director

LAWRENCE DAVID M 5301 STEVENS CREEK BLVD, MS 1A-LC X SANTA CLARA, CA 95051

Signatures

By: Marie Oh Huber / 03/05/2007 Attorney-in-fact for

> **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).
- Under the Agilent Technologies, Inc. 2005 Non-Employee Director Deferred Compensation Plan, the reporting person received a deferred share credit, which vests in four quarterly 25% increments, with the first date of vesting three months from the date of grant.

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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