COOPER DAVID B JR

Form 4

November 17, 2005

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

OMB Number:

3235-0287

0.5

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

subject to Section 16. Form 4 or

SECURITIES

Estimated average burden hours per

Form 5 obligations may continue.

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

response...

See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

COOPER DAVID B JR

Symbol

(Check all applicable)

AGILENT TECHNOLOGIES INC [A]

3. Date of Earliest Transaction

Director 10% Owner

(Month/Day/Year)

11/15/2005

X_ Officer (give title Other (specify below) below)

395 PAGE MILL ROAD, MS A3-18

(Zip)

(Middle)

Senior Vice President

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

(Instr. 8)

Person

PALO ALTO, CA 94306

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

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 displays a currently valid OMB control number.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount Underlying Securiti (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration Date

Title

orNumb

Amou

of Sha

37,7

Employee

Stock Option (right to

buy) (1)

\$ 34.69 11/15/2005

37,750 A

11/15/2006(2) 11/14/2015

Common

Stock

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

COOPER DAVID B JR 395 PAGE MILL ROAD, MS A3-18 PALO ALTO, CA 94306

Senior Vice President

Signatures

By: Marie Oh Huber / 11/17/2005 Attorney-in-fact

**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).
- Right to buy Agilent Technologies, Inc. common stock granted, under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.
- The option is exercisable in four equal annual installments beginning on the first anniversary of the date of the grant. The first vesting **(2)**

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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