AGILENT TECHNOLOGIES INC

Form 4

November 17, 2006

FORM 4	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Workington, D.C. 20540
	Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number:

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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 *

KOH BOON HWEE

2. Issuer Name and Ticker or Trading Symbol

AGILENT TECHNOLOGIES INC

[A]

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

X_ Director Officer (give title below)

10% Owner Other (specify

5301 STEVENS CREEK BLVD, MS 11/15/2006

1A-LC

(City)

(Instr. 3)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Applicable Line)

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

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

Issuer

SANTA CLARA, CA 95051

2. Transaction Date 2A. Deemed 1. Title of Security

(State)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

(A) Transaction(s) or (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)

2. 1. Title of Derivative Security Conversion

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

5. Number

6. Date Exercisable and

7. Title and Amoun Underlying Securiti

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,	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Share
Non-Employee Director Stock Option (right to	\$ 33.14	11/15/2006		A	5,898	(2)	11/14/2016	Common Stock	5,89

Reporting Owners

SANTA CLARA, CA 95051

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
KOH BOON HWEE						
5301 STEVENS CREEK BLVD, MS 1A-LC	X					

Signatures

buy) (1)

By: Marie Oh Huber / 11/17/2006 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 Non-Employee Director Stock **(1)** Plan.

The option becomes exercisable in four increments, of 25% each, and vests initially upon the annual stockholders meeting following the grant date. The second, third and fourth vesting date shall be the dates six months, nine months and one year, respectively, following the grant date. The option is forfeited if a non-employee director terminates service at or before the annual stockholders meeting following

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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