

AGILENT TECHNOLOGIES INC  
 Form 4  
 November 20, 2008

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
**CULLEN JAMES**

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**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**11/18/2008**

Director  10% Owner  
 Officer (give title below)  Other (specify below)

**SANTA CLARA, CA 95051**

(City) (State) (Zip)

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

**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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

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

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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 Derivative Security | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amou Underlying Securi |
|---------------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|-------------------------------------|
|---------------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|-------------------------------------|

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| (Instr. 3)   | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities 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        | Amount or Number of S |
| Non-Employee Director Stock Option (right to buy) <sup>(1)</sup> | \$ 19                                    | 11/18/2008           | A               | 11,312  | <sup>(2)</sup>   | 11/17/2018       | Common Stock | 11,                   |

### Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| CULLEN JAMES<br>5301 STEVENS CREEK BLVD, MS 1A-LC<br>SANTA CLARA, CA 95051 | X             |           |         |       |

### Signatures

/s/ Marie Oh Huber, Attorney-in-fact for Mr. Cullen  
 11/20/2008  
 \_\_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) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Non-Employee Director Stock 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 the grant date.
- (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.