BUCK CARL N
Form 4
April 29, 2010

# FORM 4

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

**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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
BUCK CARL N

(Last) (First) (Middle)

C/O AEHR TEST SYSTEMS, 400 KATO TERRACE

(Street)

FREMONT, CA 94539

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
AEHR TEST SYSTEMS [AEHR]

3. Date of Earliest Transaction (Month/Day/Year)
04/27/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
VP, MARKETING AND CONTACTOR BU

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 04/27/2010 | | M | | 307 | A | $ 2.88 | 39,924 (2) | D | |
| Common Stock | 04/27/2010 | | M | | 1,693 | A | $ 2.88 | 41,617 | D | |
| Common Stock | 04/27/2010 | | S | | 307 | D | $ 3.28 | 41,310 | D | |
| Common Stock | 04/27/2010 | | S | | 1,693 | D | $ 3.19 | 39,617 | D | |

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 Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Incentive Stock Option (right to buy) | $ 2.88 | 04/27/2010 | | M | | | 307 | 07/26/2003[(1)] | 06/26/2010 | Common Stock | 307 |
| Incentive Stock Option (right to buy) | $ 2.88 | 04/27/2010 | | M | | | 1,693 | 07/26/2003[(1)] | 06/26/2010 | Common Stock | 1,693 |

# Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---|---|---|---|
| | Director | 10% Owner | Officer | Other |
| BUCK CARL N<br>C/O AEHR TEST SYSTEMS<br>400 KATO TERRACE<br>FREMONT, CA 94539 | | | VP, MARKETING AND CONTACTOR BU | |

# Signatures

| | |
|---|---|
| CARL N. BUCK | 04/28/2010 |
| **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)** One forty-eighth (1/48) of the total number of shares became exercisable on this date and an additional one forty-eighth (1/48) of the total number of shares became exercisable each month thereafter.

**(2)** Includes (a) 3,000 shares acquired under the Aehr Test Employee Stock Purchase Plan (the "ESPP") on April 1, 2009 (b) 3,000 shares acquired under the ESPP on October 1, 2009 and (c) 3,000 shares acquired under the ESPP on April 1, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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