

Perkins Gregory M
Form 4
October 11, 2006

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 *
Perkins Gregory M

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
400 KATO TERRACE

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
10/10/2006

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP-World Wide Sales & Service

FREMONT, CA 94539

(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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V Amount (A) or (D) Price | | | |
| Common Stock | 10/10/2006 | | M | 3,385 A \$ 4.35 | 3,385 | D | |
| Common Stock | 10/10/2006 | | S | 100 D \$ 7.38 | 3,285 | D | |
| Common Stock | 10/10/2006 | | S | 100 D \$ 7.37 | 3,185 | D | |
| Common Stock | 10/10/2006 | | S | 3,185 D \$ 7.35 | 0 | D | |
| Common Stock | 10/11/2006 | | M | 200 A \$ 2.81 | 200 | D | |

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Common Stock 10/11/2006 S 200 D \$ 7.35 0 D

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

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(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 (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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Incentive Stock Option (right to buy) | \$ 4.35 | 10/10/2006 | | M | 3,385 | 07/03/2004 06/03/2011 | Common Stock | 3,385 |
| Incentive Stock Option (right to buy) | \$ 2.81 | 10/11/2006 | | M | 200 | 07/23/2005 06/23/2012 | Common Stock | 200 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Perkins Gregory M 400 KATO TERRACE FREMONT, CA 94539 | | | VP-World Wide Sales & Service | |

Signatures

Gregory M. Perkins 10/11/2006
Date

__Signature of
Reporting Person

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).

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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