Perkins Gregory M Form 4 October 11, 2006

FORM 4

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

Washington, D.C. 20549
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

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

SECURITIES

1(b).

(Print or Type Responses)

1. Name and A Perkins Greg	ddress of Report	rting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First)		(Middle)	AEHR TEST SYSTEMS [AEHR]	(Check all applicable)			
(Last) 400 KATO	O KATO TERRACE		3. Date of Earliest Transaction (Month/Day/Year) 10/10/2006	Director 10% Owner _X_ Officer (give title Other (specification) below) VP-World Wide Sales & Service			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)			
FREMONT, CA 94539 (City) (State) (Zip)			Table I. Non Desirating Committee A	_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Z	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	saction Date 2A. Deemed /Day/Year) Execution Date, if any (Month/Day/Year)		4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	·
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
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 D

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 (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. Transactic Code (Instr. 8)	5. Number action Derivative Securities 8) 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)	\$ 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

Reporting Owners 2

**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. 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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