AEHR TEST SYSTEMS

Form 4 April 03, 2008

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

burden hours per response... 0.5

See Instruction

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 ** HENDRICKSON DAVID S				2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer				
a a a a a a a a a a a a a a a a a a a			M: dallo)			STEMS [AEHR]	(Check all applicable)				
	(Last)	(First) (N	(Iiddle)		Earliest Tra	insaction	-	400			
				(Month/Da	•		Director	10%			
400 KATO TERRACE				04/03/2008			_X_ Officer (give title Other (specify below)				
								VP of Engineering			
							VI of Engineering				
(Street)			4. If Amer	ndment, Dat	e Original	6. Individual or Joint/Group Filing(Check					
			Filed(Month/Day/Year)			Applicable Line)					
							X Form filed by	One Reporting Pe	erson		
FREMONT, CA 94539						Form filed by More than One Reporting					
	TREMOTT,	C/1 / 133/					Person				
	(City)	(State)	(Zip)	Table	I Non De	mirrotire Committee A oc	uniuad Dianagad a	f or Donoficial	lle: Oremad		
	` •	· · ·	,	1 abic	: 1 - Non-De	erivative Securities Acq	juirea, Disposea o	i, or belieficial	ny Owned		
	1.Title of	2. Transaction Date	2A. Dee	med	3.	4. Securities Acquired	5. Amount of	6. Ownership	7. Nature of		
	Security	(Month/Day/Year)	Execution	on Date, if	Transactio	n(A) or Disposed of	Securities	Form: Direct	Indirect		
	(Insta 2)		0.0077		C- 1-	(D)	D C' - ! - 11	(D)	D£: -: -1		

		Table	1 - MOII-D	ciivative	occui i	iics Acq	lanca, Disposea o	i, or beliefferal	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	04/03/2008		M	5,000	A	\$ 4.06	6,913	D	
Common Stock	04/03/2008		M	5,000	A	\$ 2.88	11,913	D	
Common Stock	04/03/2008		S	5,000	D	\$ 8.8	6,913	D	
Common Stock	04/03/2008		S	5,000	D	\$ 8.8	1,913	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 of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and Underlying (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Incentive Stock Option (right to buy)	\$ 2.88	04/03/2008		M	5,000	07/26/2003(1)	06/26/2010	Common Stock	5,000
Incentive Stock Option (right to buy)	\$ 4.06	04/03/2008		M	5,000	08/22/2002(1)	07/22/2009	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
Topolong of the Fund of Fundament	Director	10% Owner	Officer	Other			
HENDRICKSON DAVID S 400 KATO TERRACE			VP of Engineering				
FREMONT, CA 94539							

Signatures

DAVID SCOTT	04/03/2008
HENDRICKSON	04/03/2006

**Signature of Reporting Person Date

Reporting Owners 2

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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.

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.