

Peierls Brian E
 Form 4
 September 17, 2012

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 *
 Peierls Brian E

2. Issuer Name and Ticker or Trading Symbol
 AeroGrow International, Inc.
 [AERO.PK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 7808 HARVESTMAN COVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/13/2012

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

AUSTIN, TX 78731

(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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/13/2012		J	V Amount \$ 0 (1)	8,765,313	D	
Common Stock	09/13/2012		J	V Amount \$ 0 (1)	57,768,754 (2)	I	By The Peierls Foundation, Inc.
Common Stock	09/13/2012		J	V Amount \$ 0 (1)	5,467,266 (3)	I	By the UD Ethel F. Peierls Charitable Lead Trust

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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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Peierls Brian E 7808 HARVESTMAN COVE AUSTIN, TX 78731		X		

Signatures

/s/ Brian E. Peierls 09/14/2012

__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) The Reporting Person has made a loan to the Issuer, and the Issuer has made a note to the Reporting Person for the loan amount and for no additional consideration, the Issuer has issued shares to the Reporting Person as reflected in the table above. The Issuer has informed the Reporting Person that the shares will be valued at \$0.0025 per share.
 - (2) Mr. Peierls is Vice President and a Director of The Peierls Foundation, Inc. ("Foundation") and may be deemed to indirectly own the securities owned by the Foundation.
 - (3) Mr. Peierls is a Co-Trustee of the U.D. Ethel F. Peierls Charitable Lead Trust (the "Trust") and may be deemed to indirectly own the securities owned by the Trust.

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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