

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

|   |         |          |   |  |   |  |
|---|---------|----------|---|--|---|--|
| 1. Name and Address of Reporting Person*<br><u>ARGOV GIDEON</u> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>ENTEGRIS INC [ ENTG ]</u> |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br><input checked="" type="checkbox"/> Director 10% Owner<br><br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>Pres &amp; Chief Executive Officer</u> |  |
| (Last)  | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>01/14/2009</u>       |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><br>Form filed by More than One Reporting Person   |  |
| <u>99 LINCOLN STREET</u>  |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  |   |  |
| (Street)  |         |          |   |  |   |  |
| <u>NEWTON MA 02461</u>  |         |          |   |  |   |  |
| (City)  | (State) | (Zip)    |   |  |   |  |

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                    | 01/14/2009                           |  | A                              |   | 30,151 <sup>(1)</sup>   | A          | \$0 <sup>(2)</sup> | 387,501   | D  |   |

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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|--|--|-----------------|---|--|--|---|--|
|  |  |                                      |  |                                |  | Date Exercisable   | Expiration Date |   |  |  |   |  |
|  |  |                                      |  |                                |  |  |                 |   |  |  |   |  |

Explanation of Responses:

1. These shares are restriced and were issued in connection with a salary reduction which will remain in place through December 31, 2009. The restrictions on the shares lapse on January 14, 2010.  
2. The number of restricted shares in this grant were calculated by dividing the amount of the salary reduction referenced in footnote 1 by the closing price of \$1.99 on the date of grant.

Remarks:

By: Peter W. Walcott,  
Attorney-in-Fact for Gideon 01/16/2009  
Argov

\*\* Signature of Reporting Person Date

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

\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.