

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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*                    |  |  | 2. Issuer Name and Ticker or Trading Symbol              |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br>Officer (give title below) Other (specify below)<br><br>VP, Controller & CAO |  |
| 3. Date of Earliest Transaction (Month/Day/Year)            |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |  |  |
| 6. Individual or Joint/Group Filing (Check Applicable Line) |  |  |  |  |  |  |
| Sauer Michael   |  |  | ENTEGRIS INC [ ENTG ]                                    |  | X  |  |
| (Last) (First) (Middle)                                     |  |  | 02/19/2014   |  | Form filed by One Reporting Person   |  |
| 8805 ASPEN CIRCLE   |  |  |  |  | Form filed by More than One Reporting Person   |  |
| (Street)  |  |  |  |  |  |  |
| VICTORIA MN 55386   |  |  |  |  |  |  |
| (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   | 02/19/2014                           |  | F                              |   | 2,565   | D          | \$12.01 | 32,444.757  | D  |   |

| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned<br>(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) |
|   |  |                                      |  |                                |  |  |     |   |                 |  |  |   |  |
|   |  |                                      |  | Code                           | V  | (A)  | (D) | Date Exercisable  | Expiration Date | Title                                      | Amount or Number of Shares   |   |  |

Explanation of Responses:

Remarks:

/s/ Peter W. Walcott, Attorney- 02/21/2014  
In-Fact for Michael Sauer

\*\* 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.