## FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|             |      |       |

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* $\underline{Goodman\ John\ B}$  |         |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol ENTEGRIS INC [ ENTG ] |   |               |  |   |                 |  |                    |   |                | Check | all app   | licable)                      | g Person(s) to I  |   |  |                               |
|--|---------|--|--|---|---------------|--|---|-----------------|--|--------------------|---|----------------|-------|---|-------------------------------|---|---|--|-------------------------------|
| (Last)<br>6686 POI   | (Fi     | ,  | Middle)  |   | 3. Date 10/25 |  | arliest Trai<br><mark>6</mark>          | nsac            | tion (M  | onth/E             | Day/Year)   |                |       |   | X                             | belov   | v) ``   | below<br>n. & Innovation   | )``                           |
| (Street)   | ASSEN M | <b>N</b> 5                                 | 55317  |   | 4. If An      | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |                 |  |                    |   |                |       |   | 6. Indivi<br>_ine)<br>X       |   |   |  |                               |
| (City)   | (St     |  | Zip)   |   |               |  |   |                 |  |                    |   |                |       |   |                               |   |   |  |                               |
| 4 771 60   |         |  | e I - Noi  |   |               | _  |   | cqu             |  | Disp               | 1   |                |       |   |                               |   |   | 6. Ownership   | 7. Nature                     |
| 1. Title of Security (Instr. 3)  |         | 2. Transaction<br>Date<br>(Month/Day/Year) |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |               | ·  | 3.<br>Transaction<br>Code (Instr.<br>8) |                 | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4<br>5) |                    |   |                |       | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported |                               | Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)   | of Indirect<br>Beneficial<br>Ownership                            |  |                               |
|  |         |  |  |   |               |  | Code                                    | v               | Amount   |                    | (A) or<br>(D)   | Price          |       | Transaction(s) (Instr. 3 and 4)   |                               |   | (Instr. 4)  |  |                               |
| Common   | Stock   |  |  | 10/25/  | 2006          |  |   |                 | S  |                    | 475(1)  |                | D     | \$11  | 1.21                          | 1   | 74,170  | D  |                               |
| Common   | Stock   |  |  |   |               |  |   |                 |  |                    |   |                |       |   |                               | 10  | 00,961  | I  | By<br>401(k)<br>Plan          |
| Common   | Stock   |  |  |   |               |  |   |                 |  |                    |   |                |       |   |                               | 4   | 0,000   | I  | By<br>spouse                  |
| Common   | Stock   |  |  |   |               |  |   |                 |  |                    |   |                |       |   |                               | ţ   | 5,389   | I  | Held in<br>trust for<br>child |
| Common Stock   |         |  |  |   |               |  |   |                 |  |                    |   |                |       | 5,389   |                               | I   | Held in<br>trust for<br>child                                     |  |                               |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |         |  |  |   |               |  |   |                 |  |                    |   |                |       |   |                               |   |   |  |                               |
| 1. Title of Derivative Conversion Date Security or Exercise (Month/Day/Year) if any  |         |  | ed 4<br>Date, T  | 1.<br>Transaction<br>Code (Instr.<br>3)                     |               | 5. Number 6  |   |                 | xercis   | able and           | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Inst<br>and 4) |                |       | 8. Pri<br>Deriv<br>Secu   | rivative<br>curity<br>str. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                               |
|  | Code V  |  |  |   |               | (A) (D)  |   | ate<br>xercisal |  | Expiration<br>Date | Title   | or<br>Nu<br>of | mber  | er  |                               |   |   |  |                               |

## **Explanation of Responses:**

1. These shares were sold pursuant to a Rule 10b5-1 Trading Plan established by the reporting person on September 8, 2006 to provide cash to pay taxes owed to the issuer with respect to the partial lapse of restrictions on a restricted stock award granted 10/22/2003.

## Remarks:

Peter W. Walcott, Attorney-in-Fact for John B. Goodman

10/26/2006

\*\* Signature of Reporting Person

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.

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