## FORM 4

obligations may continue. See Instruction 1(b).

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

| C. 20549 |
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| Check this box if no longer subject to | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
|--|--|
| Section 16. Form 4 or Form 5           |  |
| abligations may continue Cos           |  |

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

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*  VILLAS JOHN D  (Last) (First) (Middle)  8116 W. 109TH STREET CIRCLE |  |  |  |                               | 3. D  | Issuer Name and Ticker or Trading Symbol     ENTEGRIS INC [ ENTG ]  3. Date of Earliest Transaction (Month/Day/Year) 01/12/2006 |   |   |   |   |         |   |             |              | 5. Relationship of Repor<br>(Check all applicable)<br>Director<br>X Officer (give titl<br>below) |                   |   |             | 10% C<br>Other<br>below)   | wner<br>(specify   |
|---|--|--|--|-------------------------------|-------|---|---|---|---|---|---------|---|-------------|--------------|--|-------------------|---|-------------|--|--|
| (Street) BLOOM (City)   | INGTON M   |  | 55438<br>Zip)                                |                               | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year)  |   |   |   |   |         |   |             |              | . Individ<br>ine)<br>X   | ,                 |   |             |  |  |
|   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |  |                               |       |   |   |   |   |   |         |   |             |              |  |                   |   |             |  |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)   |  |  |  |                               |       | Execution Date,   |   |   |   |   |         | ties Acquired (A) or<br>I Of (D) (Instr. 3, 4 a   |             |              | and Secur<br>Benef<br>Owner<br>Repor   |                   | cially<br>d Following<br>ted  | Forr<br>(D) | Ownership<br>m: Direct<br>or Indirect<br>Instr. 4)                       | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)  |
|   |  |  |  |                               |       |   |   |   |   | v | Amount  |   | A) or<br>D) | Price        | ,  | Transa<br>(Instr. | ansaction(s)<br>nstr. 3 and 4)  |             |  |  |
| Common Stock 01/12  |  |  |  |                               | /2006 |   |   |   | S   |   | 4,800(1 | 1)  | D           | \$10.99      |  | 269,582           |   |             | D  |  |
| Common  | ommon Stock  |  |  |                               |       |   |   |   |   |   |         |   |             |              | 118,513  |                   | I   | ESOP        |  |  |
|   | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |  |                               |       |   |   |   |   |   |         |   |             |              |  |                   |   |             |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)   | vative Conversion Date Executi<br>urity or Exercise (Month/Day/Year) if any  |  | 3A. Deem<br>Execution<br>if any<br>(Month/Da | Date, Transaction Code (Insti |       | Instr.  | 5. Nun of Deriv. Secul Acqu (A) or Dispo of (D) (Instr. and 5 | ative<br>rities<br>ired<br>osed<br>. 3, 4 | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiratio Exercisable Date |   |         | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amoun or Numbe of Title Shares |             | ount<br>nber | nt<br>er   |                   | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) |             | 10.<br>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) |

## **Explanation of Responses:**

1. These shares were sold pursuant to a Rule 10b5-1 Trading Plan established by the reporting person on October 28, 2005.

## Remarks:

/s/ Peter W. Walcott, Attorney-01/17/2006 in-Fact for John D. Villas

\*\* 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.