

Shaner William James  
 Form 4  
 January 20, 2012

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

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**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 \*  
 Shaner William James

2. Issuer Name and Ticker or Trading Symbol  
 ENTEGRIS INC [ENTG]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 9754 SUMMIT ASH COURT

3. Date of Earliest Transaction (Month/Day/Year)  
 01/18/2012

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Vice President, GM, ME Div.

(Street)  
 COLORADO SPRINGS, CO 80920

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

(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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price                             |
| Common Stock                    | 01/18/2012                           |  | M                              |   | 7,000   | A  | \$ 2.1                            |
| Common Stock                    | 01/18/2012                           |  | S                              |   | <u>7,000</u> <sup>(1)</sup>   | D  | \$ 9.2                            |
| Common Stock                    | 01/18/2012                           |  | M                              |   | 27,000  | A  | \$ 1.13                           |
| Common Stock                    | 01/18/2012                           |  | S                              |   | <u>27,000</u> <sup>(1)</sup>  | D  | \$ 9.2                            |
| Common Stock                    | 01/18/2012                           |  | M                              |   | 12,374  | A  | \$ 5.4                            |

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Common Stock      01/18/2012      S      12,374<sup>(1)</sup>      D      \$ 9.25      55,566      D

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

**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 control number.**

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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) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Employee Stock Option (Right to Buy)       | \$ 2.1   | 01/18/2012                           |  | M                              | 7,000   | <sup>(2)</sup> 12/16/2015                                | Common Stock  | 7,000                      |
| Employee Stock Option (Right to Buy)       | \$ 1.13  | 01/18/2012                           |  | M                              | 27,000  | <sup>(3)</sup> 02/19/2016                                | Common Stock  | 27,000                     |
| Employee Stock Option (Right to Buy)       | \$ 5.4   | 01/18/2012                           |  | M                              | 12,374  | <sup>(4)</sup> 02/19/2017                                | Common Stock  | 12,374                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                                |       |
|---|---------------|-----------|--------------------------------|-------|
|   | Director      | 10% Owner | Officer                        | Other |
| Shaner William James<br>9754 SUMMIT ASH COURT<br>COLORADO SPRINGS, CO 80920 |               |           | Vice President,<br>GM, ME Div. |       |

## Signatures

/s/ Peter W. Walcott, Attorney-In-Fact for William J.  
Shaner

01/19/2012

\_\_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) These shares were sold pursuant to a Rule 10b5-1 Trading Plan established by the Reporting Person on November 30, 2011.  
These options are part of a grant that vest in four equal annual installments. The first annual installment became exercisable on  
(2) 12/16/2009, the second annual installment became exercisable on 12/16/2010 and the third annual installment became exercisable on 12/16/2011. The last annual installment becomes exercisable on 12/16/2012.  
These options are part of a grant that vest in three equal annual installments. The first annual installment became exercisable on  
(3) 2/19/2010, the second annual installment became exercisable on 2/19/2011. The last annual installment becomes exercisable on 2/19/2012.  
These options are part of a grant that vest in three equal annual installments. The first annual installment became exercisable on  
(4) 2/19/2011. The second annual installment becomes exercisable on 2/19/2012. The last annual installment becomes exercisable on 2/19/2013.  
(5) These options were granted pursuant to an employee stock option plan that provides for the grant of options in consideration of services as an employee.

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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