Murphy John J Form 4 February 24, 2012

FORM 4

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

OMB APPROVAL OMB

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Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

| Name and Address of Report Murphy John J | ing Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | | |
|--|--------------|--|---|--|--|--|
| | | ENTEGRIS INC [ENTG] | (Check all applicable) | | | |
| (Last) (First) | (Middle) | 3. Date of Earliest Transaction | | | | |
| 129 CONCORD ROAD | | (Month/Day/Year) 02/22/2012 | Director 10% OwnerX Officer (give title Other (specification) below) Sr. Vice President -HR | | | |
| (Street) | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| DILLEDICA MA 01921 | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting | | | |

BILLERICA, MA 01821

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative | Secu | rities Acqu | ired, Disposed of | , or Beneficiall | y Owned |
|--------------------------------------|---|-----------|---|--------------|------------------|--|--|---|---------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year) | | 3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) | | | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | (Instr. 4) | |
| Common Stock | 02/22/2012 | | S | 5,045 (1) | D | \$ 9.1429 (2) | 97,710 | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 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. onNumber of Derivative Securities Acquired (A) or Disposed of (D) | | ate Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | of ng s | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr |
|---|---|---|---|---|---|---------------------|--------------------|---|---------------|---|---|
| | | | | Code V | (Instr. 3, 4, and 5) (A) (D) | Date Exercisable | Expiration Date | or Title Nu of | umber | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Murphy John J 129 CONCORD ROAD BILLERICA, MA 01821

Sr. Vice President -HR

Signatures

/s/ Peter W. Walcott, Attorney-In-Fact for John J.
Murphy 02/24/2012

**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 10b5-1 Trading Plan established by the Reporting Person on November 15, 2011.
 - The price reported in column 4 is a weighted average price reported in reliance on a letter from the Office of Chief Counsel, Securities and Exchange Commission's Division of Corporate Finance to the Society of Corporate Secretaries & Corporate Governance
- (2) Professionals dated June 25, 2008. These shares were sold in multiple transactions at prices ranging from \$9.0400 to \$9.2700, inclusive. The reporting person undertakes to provide Entegris, Inc. any shareholder of Entegris, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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