

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Murphy John J</u> (Last) (First) (Middle) <u>129 CONCORD ROAD</u> (Street) <u>BILLERICA</u> <u>MA</u> <u>01821</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ENTEGRIS INC [ENTG]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>04/26/2016</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Sr. Vice President -HR</u> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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	04/26/2016		M		28,544	A	\$8.76	97,293	D	
Common Stock	04/26/2016		M		11,208	A	\$9.27	108,501	D	
Common Stock	04/26/2016		M		10,580	A	\$9.88	119,081	D	
Common Stock	04/26/2016		M		5,446	A	\$11.71	124,527	D	
Common Stock	04/26/2016		S ⁽¹⁾		55,778	D	\$14.0071 ⁽²⁾	68,749	D	

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 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				
Employee Stock Option (Right to Buy)	\$8.76	04/26/2016		M			28,544	(3)	02/19/2018	Common Stock	28,544	(4)	0	D	
Employee Stock Option (Right to Buy)	\$9.27	04/26/2016		M			11,208	(3)	02/19/2019	Common Stock	11,208	(4)	3,737	D	
Employee Stock Option (Right to Buy)	\$9.88	04/26/2016		M			10,580	(5)	02/19/2020	Common Stock	10,580	(4)	10,580	D	
Employee Stock Option (Right to Buy)	\$11.71	04/26/2016		M			5,446	(6)	02/19/2021	Common Stock	5,446	(4)	16,338	D	

Explanation of Responses:

1. These shares were sold pursuant to a Rule 10b5-1 Trading Plan established by the Reporting Person on February 23, 2016.
2. 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 Professionals dated June 25, 2008. These shares were sold in multiple transactions at prices ranging from \$14.00 to \$14.10, 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.
3. This option is fully vested.
4. Awarded pursuant to the Entegris, Inc. 2010 Stock Plan, as amended, in consideration of services as an employer.
5. This option vests in four equal installments starting on February 19, 2014 and thereafter on February 19, 2015, February 19, 2016 and February 19, 2017.
6. This option vests in four equal installments starting on February 19, 2015 and thereafter on February 19, 2016, February 19, 2017 and February 19, 2018.

Remarks:

/s/ Sue Lee, Attorney-In-Fact for John J. Murphy
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.

POWER OF ATTORNEY

Know all by these presents that the undersigned hereby constitutes and appoints Sue Lee the undersigned's true and lawful attorney-in-fact to:

- (1) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the SEC) a Form ID, inclu
- (2) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer of ENTEGRIS, INC. (the Company), Forms 3, 4, and 5 in accordance with
- (3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Forms 3, 4, or 5, or c
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best

The undersigned hereby grants to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary,

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersig

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 21st of April, 2016.

/s/ John J. Murphy

John J. Murphy