

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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:	3235-0104
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1. Name and Address of Reporting Person* <u>Rucci Corey</u> (Last) (First) (Middle) <u>700 DOVER PLACE</u> (Street) <u>SOUTHLAKE TX</u> <u>76092</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/07/2014</u>	3. Issuer Name and Ticker or Trading Symbol <u>ENTEGRIS INC [ENTG]</u>	
		4. 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>V.P. Business Development</u>	
		5. If Amendment, Date of Original Filed (Month/Day/Year)	
		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	

Table I - Non-Derivative Securities Beneficially Owned			
1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	21,120.571 ⁽¹⁾⁽²⁾	D	
Common Stock	50,000	I	By IRA

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)							
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (Right to Buy)	⁽³⁾	02/19/2018	Common Stock	9,320	8.76	D	
Employee Stock Option (Right to Buy)	⁽⁴⁾	02/19/2019	Common Stock	11,070	9.27	D	
Employee Stock Option (Right to Buy)	⁽⁵⁾	02/19/2020	Common Stock	15,800	9.88	D	
Employee Stock Option (Right to Buy)	⁽⁶⁾	02/19/2021	Common Stock	19,492	11.71	D	

Explanation of Responses:

1. These shares include a total of 10,565 restricted stock units granted on February 22, 2011, February 15, 2012, February 12, 2013 and February 11, 2014 with restrictions that lapse as follows: (i) 4,119 shares vest on February 19, 2015, (ii) 3,205 shares vest February 19, 2016, (iii) 2,126 shares vest on February 19, 2017, and (iv) 1,115 shares vest on February 19, 2018.
2. These shares include 3,906.571 shares acquired under the Entegris, Inc. Employee Stock Purchase Plan.
3. This option vests in four equal annual installments. The first three installments became exercisable on February 19, 2012, February 19, 2013 and February 19, 2014, respectively. The final installment is exercisable on February 19, 2015.
4. This option vests in four equal annual installments. The first two installments became exercisable on February 19, 2013 and February 19, 2014, respectively. The final two installments become exercisable on February 19, 2015 and February 19, 2016, respectively.
5. This option vests in four equal annual installments. The first installment became exercisable on February 19, 2014 and the next three installments become exercisable on February 19, 2015, February 19, 2016 and February 19, 2017, respectively.
6. This option vests in four equal annual installments. The first installment becomes exercisable on February 19, 2015, the next three installments become exercisable on February 19, 2016, February 19, 2017 and February 19, 2018, respectively.

Remarks:

/s/ Peter W. Walcott, Attorney-
In-Fact for Corey Rucci

05/16/2014

** 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 5 (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

Peter W. Walcott 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, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 or any rule or regulation of the SEC;

(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 Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder, and any other forms or reports the undersigned may be required to file in connection with the undersigned's ownership, acquisition, or disposition of securities of the Company;

(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 other form or report, and timely file such form or report with the United States Securities and Exchange Commission and any stock exchange or similar authority; and (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 interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

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, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted.

The undersigned acknowledges that the foregoing attorney-in-fact, is serving in such capacity at the request of the undersigned, and is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934. 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 undersigned's holdings of and transactions in securities
issued by the Company, unless earlier revoked by the undersigned in a
signed writing delivered to the foregoing attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney
to be executed as of this ____ day of May, 2014.

Printed Name

Signature

Corey Rucci