FORM 4

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

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

|     | OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|-----|--------------------------|-----------|--|--|--|--|--|--|--|--|
|     | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
|     | Estimated average burden |           |  |  |  |  |  |  |  |  |
| - 1 | hours por rosponso:      | 0.5       |  |  |  |  |  |  |  |  |

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

|                                                                                                                                              |                                                                       |                                            |                                               |                                      | _                                                           |                                                                   |        |                                         |                                                    |                                                            |                    |                                                                                        |                                                                                   |                                                                                                                                  |                              |                                      |                                                                          |                                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|--------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------|--------|-----------------------------------------|----------------------------------------------------|------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|--|
| 1. Name and Address of Reporting Person*  Rucci Corey                                                                                        |                                                                       |                                            |                                               |                                      |                                                             | 2. Issuer Name and Ticker or Trading Symbol ENTEGRIS INC [ ENTG ] |        |                                         |                                                    |                                                            |                    |                                                                                        |                                                                                   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  Officer (give title Other (specify) |                              |                                      |                                                                          |                                                                    |  |
| (Last) (First) (Middle) C/O ENTEGRIS, INC.                                                                                                   |                                                                       |                                            |                                               |                                      | 3. Date of Earliest Transaction (Month/Day/Year) 05/20/2020 |                                                                   |        |                                         |                                                    |                                                            |                    |                                                                                        | X Officer (give title Other (specify below) SVP, Business Development             |                                                                                                                                  |                              |                                      |                                                                          |                                                                    |  |
| 129 CONCORD ROAD                                                                                                                             |                                                                       |                                            |                                               |                                      |                                                             | 4. If Amendment, Date of Original Filed (Month/Day/Year)          |        |                                         |                                                    |                                                            |                    |                                                                                        |                                                                                   | 6. Individual or Joint/Group Filing (Check Applicable                                                                            |                              |                                      |                                                                          |                                                                    |  |
| (Street) BILLERICA MA 01821                                                                                                                  |                                                                       |                                            |                                               |                                      |                                                             |                                                                   |        |                                         |                                                    |                                                            |                    |                                                                                        | X Form filed by One Reporting Person Form filed by More than One Reporting Person |                                                                                                                                  |                              |                                      |                                                                          |                                                                    |  |
| (City)                                                                                                                                       | (S                                                                    | tate)                                      | (Zip)                                         |                                      |                                                             |                                                                   |        |                                         |                                                    |                                                            |                    |                                                                                        |                                                                                   | Pers                                                                                                                             | on                           |                                      |                                                                          |                                                                    |  |
|                                                                                                                                              |                                                                       | Tab                                        | ole I - No                                    | n-Deri                               | vativ                                                       | e Se                                                              | ecurit | ies Ac                                  | quired                                             | , Di                                                       | sposed o           | of, or Be                                                                              | neficia                                                                           | lly Own                                                                                                                          | ed                           |                                      |                                                                          |                                                                    |  |
| Da                                                                                                                                           |                                                                       |                                            | Date                                          | Transaction<br>ite<br>onth/Day/Year) |                                                             | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)       |        | 3.<br>Transaction<br>Code (Instr.<br>8) |                                                    | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4 |                    |                                                                                        | Secui<br>Benet<br>Owne                                                            | icially<br>d Following                                                                                                           | Form<br>(D) o                | n: Direct<br>or Indirect<br>nstr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                      |                                                                    |  |
|                                                                                                                                              |                                                                       |                                            |                                               |                                      |                                                             |                                                                   |        |                                         | Code                                               | v                                                          | Amount             | (A) or (D)                                                                             | Price                                                                             |                                                                                                                                  | ted<br>action(s)<br>3 and 4) |                                      |                                                                          | (Instr. 4)                                                         |  |
| Common Stock                                                                                                                                 |                                                                       |                                            |                                               | 05/2                                 | 0/2020                                                      |                                                                   |        |                                         | М                                                  |                                                            | 3,599              | A                                                                                      | \$13.                                                                             | 49 14                                                                                                                            | 14,472.318                   |                                      | D                                                                        |                                                                    |  |
| Common Stock                                                                                                                                 |                                                                       |                                            |                                               |                                      | 0/2020                                                      |                                                                   |        |                                         | F                                                  |                                                            | 1,503              | D \$5                                                                                  |                                                                                   | 65 12                                                                                                                            | 12,969.318                   |                                      | D                                                                        |                                                                    |  |
| Common Stock                                                                                                                                 |                                                                       |                                            |                                               | 05/2                                 | 05/20/2020                                                  |                                                                   |        |                                         | М                                                  |                                                            | 12,990             | 6 A                                                                                    | \$12                                                                              | .2 25                                                                                                                            | 25,965.318                   |                                      | D                                                                        |                                                                    |  |
| Common Stock 0                                                                                                                               |                                                                       |                                            |                                               | 05/2                                 | 0/2020                                                      |                                                                   |        |                                         | F                                                  |                                                            | 6,454              | D                                                                                      | \$58.6                                                                            | 35 19                                                                                                                            | 5 19,511.318                 |                                      | D                                                                        |                                                                    |  |
| Common Stock 05/20                                                                                                                           |                                                                       |                                            |                                               | 0/2020                               | /2020                                                       |                                                                   | S      |                                         | 8,638                                              | D                                                          | \$58.              | 57 10                                                                                  | 10,873.318                                                                        |                                                                                                                                  | D                            |                                      |                                                                          |                                                                    |  |
| Common Stock                                                                                                                                 |                                                                       |                                            |                                               |                                      |                                                             |                                                                   |        |                                         |                                                    |                                                            |                    |                                                                                        | 20,000                                                                            |                                                                                                                                  | I                            | IRA                                  |                                                                          |                                                                    |  |
| 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)                                                                                          | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Da | Date,                                | 4.<br>Transactio<br>Code (Inst<br>8)                        |                                                                   | on of  |                                         | 6. Date Exercis<br>Expiration Dat<br>(Month/Day/Ye |                                                            | te                 | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |                                                                                   | Derivativ<br>Security                                                                                                            |                              | e<br>es<br>ally<br>g                 | 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) |  |
|                                                                                                                                              |                                                                       |                                            |                                               |                                      | Code                                                        | v                                                                 | (A)    | (D)                                     | Date<br>Exercisa                                   | ble                                                        | Expiration<br>Date | Title                                                                                  | Amount<br>or<br>Number<br>of<br>Shares                                            |                                                                                                                                  |                              |                                      |                                                                          |                                                                    |  |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)                                                                                             | \$13.49                                                               | 05/20/2020                                 |                                               |                                      | М                                                           |                                                                   |        | 3,599                                   | (1)                                                |                                                            | 02/19/2022         | Common<br>Stock                                                                        | 3,599                                                                             | \$0 <sup>(2)</sup>                                                                                                               | 0                            |                                      | D                                                                        |                                                                    |  |
| Employee<br>Stock<br>Option<br>(Right to                                                                                                     | \$12.2                                                                | 05/20/2020                                 |                                               |                                      | M                                                           |                                                                   |        | 12,996                                  | (1)                                                |                                                            | 02/19/2023         | Common<br>Stock                                                                        | 12,996                                                                            | \$0(2)                                                                                                                           | 0                            |                                      | D                                                                        |                                                                    |  |

## **Explanation of Responses:**

- 1. This option is fully vested.
- 2. This option was granted pursuant to the Entegris, Inc. 2010 Stock Plan, as amended, in consideration of services as an employee.

## Remarks:

Buy)

/s/ Joseph Colella, Attorney-In-Fact for Corey Rucci

\*\* Signature of Reporting Person

05/22/2020

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.