FORM 8-K

CURRENT REPORT

PURSUANT TO SECTIONS 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported) <u>August 20, 2012</u>

ENTEGRIS, INC.

(Exact name of registrant as Specified in its Charter)

Delaware
(State or Other Jurisdiction of Incorporation or Organization)

001-32598	**41-1941551**
(Commission File Number)	(I.R.S. Employer Identification No.)
129 Concord Road, Billerica, MA	**01821**
(Address of principal executive offices)	(Zip Code)

(978) 436-6500
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01.   Other Events

On August 20, 2012, the registrant entered into Amendment No. 1 to the pre-arranged stock trading plan established on November 22, 2011 for the purpose of repurchasing up to $50 million of the registrant's common stock in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended (the "Plan"). The amendment extended the expiration date of the Plan until February 8, 2013. All other provisions of the Plan remain unchanged.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

ENTEGRIS, INC.

Dated: August 21, 2012

By   /s/   Peter W. Walcott

Peter W. Walcott,
Senior Vice President & General Counsel