ENTEGRIS INC Form SC 13G October 24, 2016

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

SCHEDULE 13G
UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 8)*

Entegris, Inc.
(Name of Issuer)
COMMON STOCK, (PAR VALUE \$0.01 Per Share)
(Title of Class of Securities)
29362014
(CUSIP Number)
October 17, 2016
(Date of Event which Requires Filing of this Statement)

CHECK THE APPROPRIATE BOX TO DESIGNATE THE RULE PURSUANT TO WHICH THIS SCHEDULE IS FILED:

- [X] RULE 13D-1(B)
- [] RULE 13D-1(C)
- [] RULE 13D-1(D)

*THE REMAINDER OF THIS COVER PAGE SHALL BE FILLED OUT FOR A REPORTING PERSON'S INITIAL FILING ON THIS FORM WITH RESPECT TO THE SUBJECT CLASS OF SECURITIES, AND FOR ANY SUBSEQUENT AMENDMENT CONTAINING INFORMATION WHICH WOULD ALTER DISCLOSURES PROVIDED IN A PRIOR COVER PAGE.

THE INFORMATION REQUIRED ON THE REMAINDER OF THIS COVER PAGE SHALL NOT BE DEEMED TO BE "FILED" FOR THE PURPOSE OF SECTION 18 OF THE SECURITIES EXCHANGE ACT OF 1934 (THE "ACT") OR OTHERWISE SUBJECT TO THE LIABILITIES OF THAT SECTION OF THE ACT BUT SHALL BE SUBJECT TO ALL OTHER PROVISIONS OF THE ACT (HOWEVER, SEE THE NOTES).

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CUSIP	NO.	293620104

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¹ NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

B	Bay Resource Partner	rs, L.P.
2 C(a) [X(b) [[]	E BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
3	SEC USE ONLY	
4	CITIZENSHIP OR P Delaware	LACE OF ORGANIZATION
	NUMBER OF SHARES	5 SOLE VOTING POWER
		NONE
	BENEFICIALLY OWNED BY EACH	6 SHARED VOTING POWER
	REPORTING PERSON	2,076,210
	WITH	7 SOLE DISPOSITIVE POWER
		NONE
		8 SHARED DISPOSITIVE POWER
		2,076,210
9	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON
		2,076,210
10	CHECK BOX IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE
11	PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW 9 1.47%
12	TYPE OF REPORTING	; PERSON (SEE INSTRUCTIONS)
		Page 2 of 10 Pages
CUSIP	NO. 293620104	
	NAMES OF REPORTING	PERSONS ON NOS. OF ABOVE PERSONS (ENTITIES ONLY)
	Bay II Resource Par	tners, L.P.
2 CH (a) [X (b) [[]	BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
 3 SE	CC USE ONLY	

4	CITIZENSHIP OR Delaware	PLACE OF ORGANIZATION
		5 SOLE VOTING POWER
	NUMBER OF SHARES	NONE
	BENEFICIALLY OWNED BY EACH REPORTING	6 SHARED VOTING POWER
		3,770,600
	PERSON WITH	7 SOLE DISPOSITIVE POWER
		NONE
	8 SHARED DISPOSITIVE POWER	
		3,770,600
9	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON
		3,770,600
	TYPE OF REPORTIN PN	NG PERSON (SEE INSTRUCTIONS) Page 3 of 10 Pages
1	NAMES OF REPORT	TING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
	Bay Resource Pa	artners Offshore Master Fund, L.P.
2 CHE a) [X] b) []		TE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
3	SEC USE ONLY	
4		
		5 SOLE VOTING POWER
	NUMBER OF	NONE

	SHARES BENEFICIALLY		
	OWNED BY EACH REPORTING	6 SHARED VOTING POWER 6,911,654	
	PERSON WITH	7 SOLE DISPOSITIVE POWER	
		NONE	
		8 SHARED DISPOSITIVE POWER	
		6,911,654	
9	AGGREGATE AMOUNT 1	BENEFICIALLY OWNED BY EACH REPORTING PERSON	
		6,911,654	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [] (SEE INSTRUCTIONS)		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.90%		
12	TYPE OF REPORTING PN	PERSON (SEE INSTRUCTIONS)	
		Page 4 of 10 Pages	
CUSTP NO	o. 293620104		
1	1 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	GMT Capital Corp		
2 (a) [X] (b) []	CHECK THE APPROP	RIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
3	SEC USE ONLY		
4	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	State of Georgia	a	
		5 SOLE VOTING POWER	
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	NONE	
		6 SHARED VOTING POWER	
		13,642,454	
		7 SOLE DISPOSITIVE POWER	

NONE SHARED DISPOSITIVE POWER 13,642,454 ______ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,642,454 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [] (SEE INSTRUCTIONS) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.66% 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) Page 5 of 10 Pages CUSIP NO. 293620104 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Thomas E. Claugus _ ______ CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [X] (b) [] _ ______ SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION State of Georgia 5 SOLE VOTING POWER NUMBER OF NONE SHARES BENEFICIALLY ______ OWNED BY 6 SHARED VOTING POWER EACH REPORTING 13,642,454 PERSON 7 SOLE DISPOSITIVE POWER WITH NONE SHARED DISPOSITIVE POWER 13,642,454

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

13,642,454

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [] (SEE INSTRUCTIONS) _____ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.66% 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN Page 6 of 10 Pages ITEM 1(A) NAME OF ISSUER: Entegris, Inc. ITEM 1(B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: 129 Concord Road Billerica, MA 01821 ITEM 2(a) NAME OF PERSON FILING: (i) Bay Resource Partners, L.P., (Bay), with respect to shares of Common Stock directly owned by it. (ii) Bay II Resource Partners, L.P., (Bay II), with respect to shares of Common Stock directly owned by it. (iii) Bay Resource Partners Offshore Master Fund, L.P. (Offshore Fund) with respect to shares of Common Stock directly owned by it. (iv) GMT Capital Corp. (GMT Capital) with respect to shares of Common Stock beneficially owned by it. (v) Thomas E. Claugus, (Mr. Claugus), with respect to the shares of Common Stock directly owned by him and directly owned by each of Bay, Bay II, the Offshore Fund and GMT Capital separate account clients. The foregoing persons are hereinafter sometimes collectively referred to as the Reporting Persons. Any disclosures herein with respect to persons other than the Reporting Persons are made on information and believe after making inquiry to the appropriate party. ITEM 2(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR IF NONE, RESIDENCE: The address of the business office of each of the Reporting Persons is 2300 Windy Ridge Parkway, Ste. 550 South, Atlanta, GA 30339 ITEM 2(c) CITIZENSHIP: Bay and Bay II are limited partnerships organized under the laws of the State of Delaware. The Offshore Fund is an exempted limited partnership organized under the laws of the Cayman Islands. GMT Capital is a Georgia corporation. Mr. Claugus is a United States citizen. TITLE OF CLASS OF SECURITIES: ITEM 2(d)

Common Stock, Par Value \$0.01 Per Share

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ITEM 2(e) CUSIP NUMBER:

293620104

- ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SS.240.13D-1(B) OR SS. 240.13d-2(B) or (C), CHECK WHETHER THE PERSON FILING IS A:
 - (a) [] Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
 - (b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
 - (c) [] Insurance company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
 - (d) [] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
 - (e) [X] An investment adviser in accordance with ss.240.13d-1 (b) (1) (ii) (E);
 - (f) [] An employee benefit plan or endowment fund in accordance ss.240.13d-1 (b) (1) (ii) (F);
 - (g) [] A parent holding company or control person in accordance with ss.240.13d-1(b)(1)(ii)(G);
 - (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
 - (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
 - (j) [] Group, in accordance with ss.240.13d-1(b)(1)(ii)(J).

ITEM 4. OWNERSHIP:

This Amendment No. 7 is being filed with respect to an aggregate of 13,642,454 shares of Common Stock, resulting in beneficial ownership of Common Stock as follows:

- 1. Bay Resource Partners, L.P.,
 - (a) Amount Beneficially owned: 2,076,210
 - (b) Percent of Class: 1.47%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 2,076,210
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 2,076,210

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- 2. Bay II Resource Partners, L.P.
 - (a) Amount Beneficially owned: 3,770,600
 - (b) Percent of Class: 2.67%

- (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 3,770,600
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 3,770,600
- 3. Bay Resource Partners Offshore Master Fund, L.P.
 - (a) Amount Beneficially owned: 6,911,654
 - (b) Percent of Class: 4.90%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 6,911,654
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 6,911,654
- 4. GMT Capital Corp.
 - (a) Amount Beneficially owned: 13,642,454
 - (b) Percent of Class: 9.66%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 13,642,454
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 13,642,454
- 5. Thomas E. Claugus
 - (a) Amount Beneficially owned: 13,642,454
 - (b) Percent of Class: 9.66%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 13,642,454
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 13,642,454
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

N/A

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

GMT Capital, the general partner of Bay and Bay II, has the power to direct the affairs of Bay and Bay II, including the voting and disposition of shares. As the discretionary investment manager of the Offshore Fund and certain other accounts, GMT Capital has power to direct the voting and disposition of shares held by the Offshore Fund and such accounts. Mr. Claugus is the President of GMT Capital and

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in that capacity directs the operations of each of Bay and Bay II and the voting and disposition of shares held by the Offshore Fund and separate client accounts managed by GMT Capital.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON.

N/A

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

See Item 2.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

N/A

ITEM 10. CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

 $\hbox{After reasonable inquiry and to the best of my knowledge} \\$ and belief, I hereby certify that the information set forth in this statement is true, complete and correct.

October 17, 2016

/s/ Philip J. Meyers

Philip J. Meyers, as Vice
President of GMT Capital Corp.,
for itself and as the general
partner of (i) Bay Resource
Partners, L.P. and (ii) Bay II
Resource Partners, L.P., and
as the investment manager of
(iii) Bay Resource Partners
Offshore Master Fund, L.P. and
(iv) certain other accounts and
for Thomas E. Claugus.

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