ENTEGRIS INC Form SC 13G/A February 14, 2017

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

SCHEDULE 13G UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 9)*

Entegris, Inc.

(Name of Issuer)

COMMON STOCK, (PAR VALUE \$0.01 Per Share)

(Title of Class of Securities)

29362014

(CUSIP Number)

December 31, 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).

Page 1 of 10 Pages

CUSIP NO. 293620104

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

a)	CHECK [X] []	THE APPROPRIATE	E BOX	IF .	A MEMBER OF A GROUP (SEE INSTRUCTIONS)
3	SI	EC USE ONLY			
4		ITIZENSHIP OR PI Delaware			ORGANIZATION
			5	s0	OLE VOTING POWER
	\$	NUMBER OF SHARES BENEFICIALLY			NONE
	1	OWNED BY EACH REPORTING	6	SH	HARED VOTING POWER
		PERSON			
		WITH	/	50	OLE DISPOSITIVE POWER NONE
			8	SH	HARED DISPOSITIVE POWER
					1,971,410
9	AG	GREGATE AMOUNT H	BENEF	ICIA	ALLY OWNED BY EACH REPORTING PERSON
 10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAP [] (SEE INSTRUCTIONS)				
 11	PEI	RCENT OF CLASS F	EPRE	SENT	TED BY AMOUNT IN ROW 9 1.39%
12	TYI	PE OF REPORTING PN	PERS	 ON ((SEE INSTRUCTIONS)
				Ра	age 2 of 10 Pages
USI	P NO. 2	293620104			
1		ES OF REPORTING S. IDENTIFICATIO			OF ABOVE PERSONS (ENTITIES ONLY)
	Bay 1	II Resource Part	ners	, L.	.P.
a)	CHECK 7 [X] []	THE APPROPRIATE	BOX	IF A	A MEMBER OF A GROUP (SEE INSTRUCTIONS)

4	CITIZENSHIP OR H Delaware	PLACE OF ORGANIZATION
		5 SOLE VOTING POWER
	NUMBER OF SHARES	NONE
	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6 SHARED VOTING POWER
		3,580,500
		7 SOLE DISPOSITIVE POWER
		NONE
		8 SHARED DISPOSITIVE POWER
		3,580,500
9	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON
		3,580,500
		ASS REPRESENTED BY AMOUNT IN ROW 9 2.53%
		Page 3 of 10 Pages
JSIP NO	0. 293620104	
1	NAMES OF REPORT I.R.S. IDENTIFIC	ING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
	Bay Resource Par	rtners Offshore Master Fund, L.P.
2 CHE (a) [X] (b) []	CK THE APPROPRIATI	E BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
3	SEC USE ONLY	
4	CITIZENSHIP OR I Cayman Islands	PLACE OF ORGANIZATION
		5 SOLE VOTING POWER
	NUMBER OF	NONE

SHARES BENEFICIALLY _____ OWNED BY 6 SHARED VOTING POWER EACH REPORTING PERSON 6,563,110 -----WITH 7 SOLE DISPOSITIVE POWER NONE _____ _____ SHARED DISPOSITIVE POWER 8 6,563,110 _____ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 6,563,110 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [] (SEE INSTRUCTIONS) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.64% 11 _____ 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN _ _____ Page 4 of 10 Pages CUSIP NO. 293620104 _ _____ NAMES OF REPORTING PERSONS 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) GMT Capital Corp. _ _____ CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [X] (b) [] _____ SEC USE ONLY 3 _____ _____ CITIZENSHIP OR PLACE OF ORGANIZATION 4 State of Georgia _____ _____ 5 SOLE VOTING POWER NUMBER OF NONE SHARES BENEFICIALLY _____ 6 SHARED VOTING POWER OWNED BY EACH REPORTING 12,743,400 PERSON _____ 7 SOLE DISPOSITIVE POWER WITH

		NONE			
		8 SHARED DISPOSITIVE POWER			
		12,743,400			
9	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON			
		12,743,400			
10 C	HECK BOX IF THE AGG [] (SEE INSTRUCT	GREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW 9 9.02%			
12	12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IA				
		Page 5 of 10 Pages			
USIP	NO. 293620104				
	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
1					
1		CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)			
 2 a) [X	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)			
 2 a) [X o) [I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 15			
 2 a) [X c) [I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 15			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 15 PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIO			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 15 PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIO			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION PLACE OF ORGANIZATION Ta 5 SOLE VOTING POWER NONE			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES BENEFICIALLY	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION PLACE OF ORGANIZATION S SOLE VOTING POWER			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES BENEFICIALLY	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION PLACE OF ORGANIZATION Ta 5 SOLE VOTING POWER NONE 6 SHARED VOTING POWER 12,743,400			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) IS PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION PLACE OF ORGANIZATION IA 5 SOLE VOTING POWER 6 SHARED VOTING POWER			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) IS PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION PLACE OF ORGANIZATION IA 5 SOLE VOTING POWER 6 SHARED VOTING POWER 12,743,400			
2 a) [X b) [3	I.R.S. IDENTIFIC Thomas E. Claugu CHECK THE APPROP]] SEC USE ONLY CITIZENSHIP OR P State of Georgi NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) IS PRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIO PLACE OF ORGANIZATION ia 5 SOLE VOTING POWER 5 NONE 6 SHARED VOTING POWER 12,743,400 7 SOLE DISPOSITIVE POWER			

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 9.02% 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN										
										Page 6 of 10 Pages
									ITEM 1(A) N	NAME OF ISSUER:
E	Entegris, Inc.									
ITEM 1(B) A	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:									
-	129 Concord Road Billerica, MA 01821									
ITEM 2(a) NA	AME OF PERSON FILING:									
:) :i) :)	 (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. ii) 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 directly owned by each of GMT Capital separate account clients, Bay, Bay II, the Offshore Fund and Thomas E. Claugus. (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. 									
cc dj Re	ne foregoing persons are hereinafter sometimes ollectively referred to as the Reporting Persons. Any isclosures herein with respect to persons other than the eporting Persons are made on information and believe after aking inquiry to the appropriate party.									
ITEM 2(b) ADI	DRESS 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.

ITEM 2(d) TITLE OF CLASS OF SECURITIES:

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);

 - (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 statement is being filed with respect to an aggregate of 12,743,400 shares of Common Stock, resulting in beneficial ownership of Common Stock as follows:

- Bay Resource Partners, L.P.,
 (a) Amount Beneficially owned: 1,971,410
 (b) Percent of Class: 1.39%
 (c) (i) Sole power to vote or direct the vote: -0 (ii) Shared power to vote or direct the vote: 1,971,410
 - (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition: 1,971,410

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2. Bay II Resource Partners, L.P.

- (a) Amount Beneficially owned: 3,580,500
- (b) Percent of Class: 2.53%
- (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 3,580,500
 - (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition: 3,580,500
- 3. Bay Resource Partners Offshore Master Fund, L.P.
 - (a) Amount Beneficially owned: 6,563,110
 - (b) Percent of Class: 4.64%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 6,563,110
 - (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition:6,563,110
- 4. GMT Capital Corp.
 - (a) Amount Beneficially owned: 12,743,400
 - (b) Percent of Class: 9.02%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 12,743,400
 - (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition: 12,743,400
- 5. Thomas E. Claugus
 - (a) Amount Beneficially owned: 12,743,400
 - (b) Percent of Class: 9.02%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 12,743,400
 - (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition: 12,743,400
- 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.

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

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.

February 14, 2017

/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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