ENTEGRIS INC Form 4 July 18, 2012

### FORM 4

## OMB APPROVAL

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005 Estimated average

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

**SECURITIES** 

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * GMT CAPITAL CORP			2. Issuer Name <b>and</b> Ticker or Trading Symbol ENTEGRIS INC [ENTG]				;	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)	Middle)	3. Date of Earliest Transaction					(Check all applicable)				
2300 WINDY RIDGE PARKWAY SUITE 550 SOUTH			(Month/Day/Year) 07/17/2012					Director X 10% Owner Officer (give title below) Other (specify below)				
	(Street) 4				4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
ATLANTA	Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(State)	(Zip)	Tabl	le I - Non-D	Derivative S	ecuriti	ies Acqı	uired, Disposed of	f, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Execution any	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	on(A) or Disp	A. Securities Acquired A) or Disposed of (D) Instr. 3, 4 and 5)  (A)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	07/17/2012			Code V	Amount 114,300 (1) (2) (3) (4)	or (D)	Price \$ 8.03	(Instr. 3 and 4)  13,850,000  (5)	D			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manust		
									Amount		
						Date	Expiration	T:41-	or Namel		
						Exercisable	Date	Title	Number		
				C-J- V	(A) (D)				of		
				Code V	(A) (D)				Shares		

### **Reporting Owners**

Deporting Owner Name / Address		Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
GMT CAPITAL CORP 2300 WINDY RIDGE PARKWAY SUITE 550 SOUTH ATLANTA, GA 30339		X				

## **Signatures**

George E. Case, 07/18/2012 III\*\*Signature of Date Reporting Person

#### **Explanation of Responses:**

- 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).

This Form 4 is being jointly filed by Bay Resource Partners, L.P., a Delaware limited partnership (Bay), Bay II Resource Partners, L.P., a Delaware limited partnership (Bay II), Bay Resource Partners Offshore Master Fund, L.P., an exempted limited partnership organized

- (1) under the laws of the Cayman Islands (Offshore Fund), GMT Exploration Company LLC, a Delaware limited liability company (GMT Exploration), GMT Capital Corp., a Georgia corporation (GMT Capital), and Thomas E. Claugus, a United States citizen (Claugus). The foregoing persons are hereinafter sometimes collectively referred to as the Reporting Persons.
- 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 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. Mr. Claugus is the Chief Executive Officer of GMT Exploration and as such has the power to direct the affairs of GMT Exploration, including the voting and disposition of shares.
- GMT Capital and Mr. Claugus may be deemed to beneficially own indirect pecuniary interest as the result of performance-based fees and profit allocations. Each of GMT Capital and Mr. Claugus disclaims such beneficial ownership except to the extent ultimately realized.
- The aggregate number of shares of common stock sold was 114,300 shares and such shares were sold by the Reporting Persons in the (4) following amounts: Bay = 14,100 shares; Bay II = 32,700 shares; Offshore Fund = 60,000 shares; GMT Exploration = 200; GMT Capital = 4,100 shares; Claugus = 3,200 shares.
- (5) 13,850,000 shares of common stock is the aggregate number of shares of common stock owned by the Reporting Persons and is owned as follows: Bay = 1,709,000 shares directly owned by it; Bay II = 3,959,700 shares directly owned by it; Offshore Fund = 7,275,000 shares

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directly owned by it; GMT Exploration = 28,200 shares directly owned by it; GMT Capital = 493,200 shares of common stock beneficially owned by it with respect to separate client accounts managed by it; Claugus = 384,900 shares directly owned by him.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.