ENTEGRIS INC Form SC 13G February 07, 2005

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)*

(Amendment No.)*
Entegris, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
29362U10
(CUSIP Number)
Calendar Year 2004
(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 the 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 ("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).

SCHEDULE 13G CUSIP No. 29362U10

	1.	Names of Reporting Persons. Cooke & Bieler, L.P. I.R.S. Identification Nos. of above persons (entities only). 23-3082822			
	2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) [] (b) []			
	3.	SEC USE ONLY			
	4.	Citizenship or Place of Organization			
			Pennsylvania		
		5.	Sole Voting Power 0		
Number of Shares Beneficially Owned by Each Reporting Person With:		6.	Shared Voting Power 2,350,715		
		7.	Sole Dispositive Power 0		
		8.	Shared Dispositive Power 5,258,805		
	9.	Aggregate Amount Beneficially Owned by Each Reporting Person 5,258,805			
	10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []			
	11.	Percent of Class Represented by Amount in Row (9) 7.1%			
	12.	Type of Reporti	ng Person		

IA

Item 1.				
	(a)	Name of Issuer		
		Entegris, Inc.		
	(b)	Address of Issuer's Prince	cipal Executive Offices	
		3500 Lyman Boulevard Chaska, Minnesota 553	18	
Item 2.				
	(a)	Name of Person Filing		
		Cooke & Bieler, L.P.		
	(b)	Address of Principal Business Office or, if none, Residence		
		1700 Market Street Philadelphia, PA 19103		
	(c)	Citizenship		
		Pennsylvania		
	(d)	Title of Class of Securit	ies	
		Common Stock		
	(e)	CUSIP Number		
		29362U10		
		If this statement is filed whether the person fili	d pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check ng 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 §240.13d-1(b)(1)(ii)(E);	
	(f)	[]	An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);	
	(g)	[]	A parent holding company or control person in accordance with § 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);	
	(i)	[]	Group, in accordance with \$240.13d-1(b)(1)(ii)(J).	

Item 4.		Ownership.				
	(a)	Amount beneficially owned:				
		5,258,805				
	(b)	Percent of class:				
		7.1%				
	(c)	Number of shares as to which the person has:				
		(i)	Sole power to vote or to direct the vote			
			0			
		(ii)	Shared power to vote or to direct the vote			
			2,350,715			
		(iii)	Sole power to dispose or to direct the disposition of			
			0			
		(iv)	Shared power to dispose or to direct the disposition of			
			5,258,805			
Item 5.			Ownership of Five Percent or Less of a Class			
			ort the fact that as of the date hereof the reporting person has ceased to be the beneficial of securities, check the following [].			
owner or me	ore than five pe	reent of the class o	is securities, eneek the following [].			
Instruction:	<i>Instruction:</i> Dissolution of a group requires a response to this item.					
			•			
Item 6. Ownership of More than Five Percent on Behalf of Another Person		Ownership of More than Five Percent on Behalf of Another Person				
			Identification and Classification of the Subsidiary Which Acquired the Security			
			Being Reported on By the Parent Holding Company			
Item 8.			Identification and Classification of Members of the Group			
Item 9.			Notice of Dissolution of Group			
Item 10.			Certification			
						

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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 certify that the information set forth in this statement is true, complete and correct.

Date: February 07, 2005

Linda Nitka Perna

By: /s/ Linda Nitka Perna

Linda Nitka Perna

Title: Chief Compliance Officer

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