

FORM 4

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

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * DICKERSON GARY E			2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [klac]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <div align="center">President and COO</div>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/22/2003			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(Street)			4. If Amendment, Date Original Filed (Month/Day/Year) 05/27/2003					
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DICKERSON GARY E			President and COO	

Signatures

Gary E. Dickerson		06/25/2003
<small>**Signature of Reporting Person</small>		Date

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).

- (1) Table I-Non-Derivative Securities Beneficially Owned, not originally reported on original Form 4 Filing dated 5/27/2003 Title of Security Shares Beneficially Owned
Ownership Form Common Stock 5,280 Direct
- (2) Table II-Derivative Securities Beneficially Owned, not reported on original Form 4 Filing of 5/27/2003 Title of Derivative Exercise Price Exp. Date Title Shares Ownership
NQSO \$10.63 08/31/08 Common Stock 15,721 D NQSO \$16.97 10/23/08 Common Stock 46,644 D NQSO \$26.25 11/10/10 Common Stock 32,500 D NQSO \$29.31
10/02/11 Common Stock 105,000 D NQSO \$32.75 04/04/11 Common Stock 32,500 D NQSO \$33.75 10/27/09 Common Stock 100,000 D NQSO \$34.67 01/28/13 Common
Stock 50,000 D NQSO \$37.05 11/08/12 Common Stock 25,000 D NQSO \$44.6875 08/11/10 Common Stock 23,415 D NQSO \$44.6875 08/13/10 Common Stock 41,585 D

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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