FORM 4

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

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

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* CAMPAGNA JOHN PETER	2. Issuer Name **and** Ticker or Trading Symbol KLA TENCOR CORP [klac]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) (First) (Middle) C/O KLA-TENCOR CORP., 160 RIO ROBLES	3. Date of Earliest Transaction (Month/Day/Year) 07/30/2003	___ Director ___ 10% Owner _X_ Officer (give title below) ___ Other (specify below) Vice President & Treasurer
(Street) SAN JOSE, CA 95134	4. If Amendment, Date Original Filed(Month/Day/Year) 07/31/2003	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
(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	Title	Amount or Number of Shares				
Non-Qualified Stock Option	$ 29.31							10/02/2002	10/02/2011	Common Stock	13,325		13,325	D	
Non-Qualified Stock Option	$ 31.8125							12/22/2001	12/22/2010	Common Stock	9,896		9,896	D	
Non-Qualified Stock Option	$ 34.67							11/08/2003	01/28/2013	Common Stock	6,500		6,500	D	
Non-Qualified Stock Option	$ 37.05							11/08/2003	11/08/2012	Common Stock	3,250		3,250	D	
Non-Qualified Stock Option	$ 51.229	07/30/2003		A		3,250		11/08/2003	07/30/2013	Common Stock	3,250	$ 0	3,250	D	

Reporting Owners

	Relationships			
Reporting Owner Name / Address	Director	10% Owner	Officer	Other

CAMPAGNA JOHN PETER C/O KLA-TENCOR CORP. 160 RIO ROBLES SAN JOSE, CA 95134			Vice President & Treasurer	

Signatures

John Peter Campagna		08/01/2003
**Signature of Reporting Person		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).

Remarks:
Amendment due to address change.

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.