## FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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

Non-

Stock

Option

Qualified \$ 37.05

#### 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

	(-)																
	e Responses											I	1.0	CD	D ()	Y	
Name and Address of Reporting Person* FORTINO DENNIS J				2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [klac]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) (First) (Middle) C/O KLA-TENCOR, 160 RIO ROBLES				3. Date of Earliest Transaction (Month/Day/Year) 07/30/2003								X	X Officer (give title below) Other (specify below)  Executive Vice President				
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year) 07/31/2003										Joint/Group	Filing(Check A	Applicable Lin	ne)
SAN JOS	E, CA 951	.34		0//31/2	200.	,									eporting Person		
(City	)	(State)	(Zip)				Гable	I - No	n-Deriva	tive Sec	curities	Acquired,	Disposed o	of, or Benef	icially Owne	d	
1.Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Yea			2A. Deemed Execution Date, if any (Month/Day/Year)			Code		(A)	4. Securities Acqui (A) or Disposed of		f(D) Owned Follow		Securities Beneficially ing Reported		6. Ownership		
							(In	(Instr. 3, 4 and 5) (A) or		(Instr	or Indi (I)		Direct (D) or Indirect	Beneficial Ownership (Instr. 4)			
C	Cr. 1						Co	ode	V An	ount	(D)	Price	2			(Instr. 4)	
Common	Stock											4,71	3			D	
	1	eparate line for each						P ir a	ersons this fo current	m are ly valid	not red I OMB	quired to r control nu	espond u mber.		on containe form displa		1474 (9-02)
	•	_	Table II						ons, conv			cially Owno	·u		1		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	se (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Transaction of I Code Sec (Instr. 8) Acc or I of (Instr. 8)		of Deriv Securiti Acquire or Dispo of (D) (Instr. 3	Derivative curities quired (A) Disposed (D) str. 3, 4,		(Month/Day/Year)		d	7. Title and of Underly Securities (Instr. 3 and	ng Derivativ Security		f 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownersh Form of Derivati Security Direct (I or Indire	Ownersh y: (Instr. 4)
						and 5)							Amount			(s) (I) (Instr. 4	4)
				Code	v	(A)	(D)	Date Exerc	cisable	Expirat Date	tion	Title	or Number of Shares				
Non- Qualified Stock Option	\$ 26.25							11/1	0/2001	11/10	/2010	Common Stock	10,500		10,500	D	
Non- Qualified Stock Option	\$ 29.31							10/0	02/2002	10/02	/2011	Common Stock	29,250		29,250	D	
Non- Qualified Stock Option	\$ 32.75							04/0	)4/2002	04/04	/2011	Common Stock	12,375		12,375	D	
Non- Qualified Stock Option	\$ 33.75							10/2	27/2000	10/27	/2009	Common Stock	60,000		60,000	D	
Non- Qualified Stock Option	\$ 34.67							11/0	08/2003	01/28	/2013	Common Stock	25,000		25,000	D	

11/08/2003 11/08/2012 Common 12,500

Stock

12,500

D

Non- Qualified Stock Option	\$ 40.14				05/22/2004	05/22/2013	Common Stock	1,000		1,000	D	
Non- Qualified Stock Option	\$ 44.6875				08/13/2000	08/13/2010	Common Stock	5,370		5,370	D	
Non- Qualified Stock Option	\$ 44.6875				08/13/2001	08/13/2010	Common Stock	39,630		39,630	D	
Non- Qualified Stock Option	\$ 51.229	07/30/2003	A	12,500	11/08/2003	07/30/2013	Common Stock	12,500	\$ 0	12,500	D	

### **Reporting Owners**

	N	Relationships								
ŀ	Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
C/O 160	TINO DENNIS J KLA-TENCOR RIO ROBLES I JOSE, CA 95134			Executive Vice President						

### **Signatures**

Dennis J. Fortino	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.