FORM	4
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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).

(Drint or Type D

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

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### 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

1. Name and Address of Reporting Person FORTINO DENNIS J	2. Issuer Name <b>and</b> KLA TENCOR			ng Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner					
(Last) (First) 133 JACKSON STREET	3. Date of Earliest T 07/30/2003	ransaction (I	Montl	h/Day/Yea	ır)	XOfficer (give title below)         Other (specify below)           Executive Vice President					
(Street) LOS GATOS, CA 95032		4. If Amendment, D	ate Original	Filed	(Month/Day/	Year)	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 - N	on-D	erivative	Securiti	ies Acqu	ired, 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)	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)	Ownership	Beneficial	
		(Wohth/Day/Tear)	Code	v	Amount	(A) or (D)	Price	(lisu. 5 and 4)	or Indirect (I) (Instr. 4)		
Common Stock	07/30/2003		М		625	А	\$ 10.63	0 (1)	D		
Common Stock	07/30/2003		S		625	D	\$ 51.28	0 (1)	D		
Common Stock	07/30/2003		М		1,875	А	\$ 10.63	0 (1)	D		
Common Stock	07/30/2003		S		1,875	D	\$ 51.28	0 (1)	D		
Common Stock	07/30/2003		М		2,167	А	\$ 10.63	0 (1)	D		
Common Stock	07/30/2003		S		2,167	D	\$ 51.28	0 (1)	D		
Common Stock	07/30/2003		М		5,250	А	\$ 26.25	0 (1)	D		
Common Stock	07/30/2003		S		5,250	D	\$ 51.28	0 (1)	D		
Common Stock	07/30/2003		М		10,125	А	\$ 32.75	0 (1)	D		
Common Stock	07/30/2003		S		10,125	D	\$ 51.28	0 (1)	D		
Common Stock	07/30/2003		М		15,750	А	\$ 29.31	0 (1)	D		
Common Stock	07/30/2003		S		15,750	D	\$ 51.28	4,713	D		

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	2. Conversion	Date	3A. Deemed Execution Date, if		of D	erivative	1	te	7. Title and of Underlyi	ng	Derivative		Ownership	11. Nature of Indirect Beneficial
	Price of	(Month/Day/Year)	(Month/Day/Year)			uired (A)	(Month/Day/Y		Securities (Instr. 3 and		2	Securities Beneficially	Form of Derivative	
· · · ·	Derivative		(Wolitil/Day/Tear)	· /		isposed			(msu. 5 and	14)	· /	-		(Instr. 4)
	Security				of (E								Direct (D)	(IIIsu. 4)
	Security					r. 3, 4,						0	or Indirect	
					and f							Transaction(s)		
						,	-			Amount		(Instr. 4)	(Instr. 4)	
							Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
				Code V	(A)	(D)								

Non- Qualified Stock Option	\$ 10.63	07/30/2003	М	625	08/31/1999	08/31/2008	Common Stock	625	\$ 51.28	0 (2)	D	
Non- Qualified Stock Option	\$ 10.63	07/30/2003	М	1,875	08/31/1999	08/31/2008	Common Stock	1,875	\$ 51.28	0 (2)	D	
Non- Qualified Stock Option	\$ 10.63	07/30/2003	М	2,167	08/31/1999	08/31/2008	Common Stock	2,167	\$ 51.28	0 (2)	D	
Non- Qualified Stock Option	\$ 26.25	07/30/2003	М	5,250	11/10/2001	11/10/2010	Common Stock	5,250	\$ 51.28	10,500	D	
Non- Qualified Stock Option	\$ 29.31	07/30/2003	М	15,750	10/02/2002	10/02/2011	Common Stock	15,750	\$ 51.28	29,250	D	
Non- Qualified Stock Option	\$ 32.75	07/30/2003	М	10,125	04/04/2002	04/04/2011	Common Stock	10,125	\$ 51.28	12,375	D	
Non- Qualified Stock Option	\$ 33.75				10/27/2000	10/27/2009	Common Stock	60,000		60,000	D	
Non- Qualified Stock Option	\$ 34.67				11/08/2003	01/28/2013	Common Stock	25,000		25,000	D	
Non- Qualified Stock Option	\$ 37.05				11/08/2003	11/08/2012	Common Stock	12,500		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	

# **Reporting Owners**

		Relationships								
	Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
13	ORTINO DENNIS J 3 JACKSON STREET OS GATOS, CA 95032			Executive Vice President						

## Signatures

Dennis J. Fortino	07/30/2003
**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).

(1) Amount of Securities Beneficially Owned Following All Reported Transactions is equal to 4,713 shares. This total is indicated on the last line on which a transaction is reported for Table I.

(2) All shares granted from this option have been exercised.

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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