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).

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

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

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 LEVY KENNETH	2. Issuer Name a KLA TENCOF			0,0	ol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) C/O KLA-TENCOR CORPO ROBLES	3. Date of Earliest 05/26/2004	Transactior	ı (Mo	nth/Day/Y	ear)	X_Officer (give title below)Other (specify below)				
(Street) SAN JOSE, CA 95130	4. If Amendment,	Date Origin	al Fil	ed(Month/D	ay/Year)	_X_Form filed by One Reporting Person	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	-Derivati	ve Secu	rities Acq	uired, Disposed of, or Beneficially O	wned	
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Yea		2A. Deemed Execution Date, if any (Month/Day/Year)	on Date, if Code (Instr. 8)		4. Securities Acquired (or Disposed of (D) (Instr. 3, 4 and 5)		Ď)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form:	7. Nature of Indirect Beneficial Ownership
		(Month/Day/Year)	Code	v	Amount	(A) or (D)	Price	(instr. 3 and 4)	or Indirect (D) or Indirect (I) (Instr. 4)	
Common Stock	05/26/2004		М		25,000	А	\$ 9.31	49,142	D	
Common Stock	05/26/2004		S		25,000	D	\$ 46.281	24,142	D	
Common Stock								358,000	I	KGMW, LP
Common Stock								40,000	I	Levy Fam. Foundation
Common Stock								1,783,366	Ι	by Levy Fam. Trust
Common Stock								4,000	Ι	by Mark Levy Trust
Common Stock								6,000	Ι	by Wayne Levy Trust

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)	Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code	tion)	of D Secu Acq or D of (I	Derivative urities uired (A) Disposed D) tr. 3, 4,	Expiration Date (Month/Day/Year)		Expiration Date (Month/Day/Year) of Underlying Securities (Instr. 3 and 4) Derivative Security (Instr. 5) Beneficially Owned Following Reported Transaction(s) (Instr. 4)		ee of Underlying ear) Securities (Instr. 3 and 4)		Ownership Form of Derivative Security: Direct (D) or Indirect (I)	Beneficial
				Code	v	(A)	(D)		Expiration Date	Title	Amount or Number of Shares		(Instr. 4)	(Instr. 4)	
Non- Qualified Stock Option (right to buy)	\$ 9.31	05/26/2004		М			25,000	07/26/1999	07/26/2004	Common Stock	25,000	\$ 46.281	0	D	
Non- Qualified Stock Option (right to buy)	\$ 10.63							08/31/1999	08/31/2008	Common Stock	204,272		204,272	D	

Non- Qualified Stock Option (right to buy)	\$ 10.81			10/07/1997	10/08/2006	Common Stock	125,000	125,000	D	
Non- Qualified Stock Option (right to buy)	\$ 16.97			10/23/1999	10/23/2008	Common Stock	220,728	220,728	D	
Non- Qualified Stock Option (right to buy)	\$ 26.25			11/10/2001	11/10/2010	Common Stock	18,951	18,951	D	
Non- Qualified Stock Option (right to buy)	\$ 29.31			10/02/2002	10/02/2011	Common Stock	28,425	28,425	D	
Non- Qualified Stock Option (right to buy)	\$ 32.75			04/04/2002	04/04/2011	Common Stock	18,951	18,951	D	
Non- Qualified Stock Option (right to buy)	\$ 33.75			10/27/2000	10/27/2009	Common Stock	90,000	90,000	D	
Non- Qualified Stock Option (right to buy)	\$ 34.67			11/08/2003	01/28/2013	Common Stock	15,724	15,724	D	
Non- Qualified Stock Option (right to buy)	\$ 37.05			11/08/2003	11/08/2012	Common Stock	7,863	7,863	D	
Non- Qualified Stock Option (right to buy)	\$ 44.6875			08/13/2000	08/13/2010	Common Stock	37,901	37,901	D	
Non- Qualified Stock Option (right to buy)	\$ 45.16			10/27/2004	04/26/2014	Common Stock	7,500	7,500	D	
Non- Qualified Stock Option (right to buy)	\$ 51.229			11/08/2003	07/30/2013	Common Stock	7,863	7,863	D	

Non- Qualified Stock Option (right to buy)	\$ 53.86			10/27/2004	10/27/2013	Common Stock	12,000	12,000	D	
Non- Qualified Stock Option (right to buy)	\$ 58.10			10/27/2004	01/27/2014	Common Stock	6,000	6,000	D	

Reporting Owners

		Relationships						
Reporting Owner	Name / Address	Director	10% Owner	Officer	Other			
LEVY KENNETH C/O KLA-TENCOR 160 RIO ROBLES SAN JOSE, CA 951		х		Chairman of the Board				

Signatures

By: Stuart J. Nichols For: Kenneth Levy	05/26/2004
**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).

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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