LEVY KENNETH

Form 4

February 12, 2007

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005 Estimated average

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * LEVY KENNETH			2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [KLAC]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middl		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	X Director 10% Owner		
C/O KLA-TENCOR			02/08/2007	_X_ Officer (give title Other (specify		
CORPORATION, 160 RIO ROBLES				below) below) Chairman of the Board		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
SAN IOSE (CA 05130			_X_ Form filed by One Reporting Person Form filed by More than One Reporting		

SAN JOSE, CA 95130

(State)

(City)

(Zip)

Table I - Non-Deriv	rativa Committee A	aguinad Diamagad	of on Done	fisially Owned
i abie i - Non-Deriv	vauve Securiues A	cauirea. Disposea	or, or Bene	eticialiy Owned

Person

		Table 1 - IN	on-Deriva	iive Securi	ucs A	cquii cu, Dis	poscu oi, oi beii	ciiciany Owi	icu
1.Title of Security (Instr. 3)	(Month/Day/Year) Execution Date, if any		3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	(======================================
Common Stock	02/08/2007		M	6,159	A	\$ 37.05	7,711	D	
Common Stock	02/08/2007		S	6,159	D	\$ 50.9616	1,552	D	
Common Stock	02/08/2007		M	12,317	A	\$ 34.67	13,869	D	
Common Stock	02/08/2007		S	12,317	D	\$ 50.9616	1,552	D	
Common Stock	02/08/2007		M	4,375	A	\$ 45.16	5,927	D	
Common Stock	02/08/2007		S	4,375	D	\$ 50.9616	1,552	D	

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Common Stock	02/08/2007	M	2,625	A	\$ 40.66	4,177	D	
Common Stock	02/08/2007	S	2,625	D	\$ 50.9616	1,552	D	
Common Stock	02/08/2007	M	20,000	A	\$ 41.79	21,552	D	
Common Stock	02/08/2007	S	20,000	D	\$ 50.9616	1,552	D	
Common Stock	02/08/2007	M	3,000	A	\$ 47.95	4,552	D	
Common Stock	02/08/2007	S	3,000	D	\$ 50.9616	1,552	D	
Common Stock						298,000	I	KGMW, LP
Common Stock						40,000	I	Levy Fam. Foundation
Common Stock						1,614,375	I	by Levy Fam. Trust
Common Stock-Restricted Stock Units (2)						1,000	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Am Underlying Sec (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am Nui Sha
Non-Qualified Stock Option (right to buy)	\$ 34.67	02/08/2007		M	12,317	11/08/2003	01/28/2013	Common Stock	12
Non-Qualified Stock Option (right to buy)	\$ 37.05	02/08/2007		M	6,159	11/08/2003	11/08/2012	Common Stock	6

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(9-02)

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\$ 40.66	02/08/2007	N	Л	2,625	10/27/2004	08/02/2014	Common Stock	2
\$ 41.79	02/08/2007	N	1	20,000	09/21/2005	09/21/2014	Common Stock	20
\$ 45.16	02/08/2007	N	Л	4,375	10/27/2004	04/26/2014	Common Stock	4
\$ 47.95	02/08/2007	N	1	3,000	09/26/2006	09/26/2012	Common Stock	3
\$ 10.63					08/31/1999	08/31/2008	Common Stock	54
\$ 16.97					10/23/1999	10/23/2008	Common Stock	22
\$ 26.25					11/10/2001	11/10/2010	Common Stock	18
\$ 29.31					10/02/2002	10/02/2011	Common Stock	28
\$ 32.75					04/04/2002	04/04/2011	Common Stock	18
\$ 33.75					10/27/2000	10/27/2009	Common Stock	9(
\$ 44.6875					08/13/2000	08/13/2010	Common Stock	31
\$ 51.229					11/08/2003	07/30/2013	Common Stock	6
\$ 53.86					10/27/2004	10/27/2013	Common Stock	7
\$ 58.1					10/27/2004	01/27/2014	Common Stock	3
	\$ 41.79 \$ 45.16 \$ 47.95 \$ 10.63 \$ 16.97 \$ 26.25 \$ 29.31 \$ 32.75 \$ 33.75 \$ 44.6875 \$ 51.229 \$ 53.86	\$ 41.79 02/08/2007 \$ 45.16 02/08/2007 \$ 47.95 02/08/2007 \$ 10.63 \$ 16.97 \$ 26.25 \$ 29.31 \$ 32.75 \$ 33.75 \$ 44.6875 \$ 51.229	\$ 41.79 02/08/2007 N \$ 45.16 02/08/2007 N \$ 47.95 02/08/2007 N \$ 10.63 \$ 16.97 \$ 26.25 \$ 29.31 \$ 32.75 \$ 33.75 \$ 44.6875 \$ 51.229 \$ 53.86	\$ 41.79 02/08/2007 M \$ 45.16 02/08/2007 M \$ 47.95 02/08/2007 M \$ 10.63 \$ 16.97 \$ 26.25 \$ 29.31 \$ 32.75 \$ 33.75 \$ \$44.6875 \$ 51.229 \$ 53.86	\$ 41.79 02/08/2007 M 20,000 \$ 45.16 02/08/2007 M 4,375 \$ 47.95 02/08/2007 M 3,000 \$ 10.63 \$ 16.97 \$ 26.25 \$ 29.31 \$ 32.75 \$ 33.75 \$ \$ 44.6875 \$ 51.229 \$ 53.86	\$ 41.79 02/08/2007 M 20,000 09/21/2005 \$ 45.16 02/08/2007 M 4,375 10/27/2004 \$ 47.95 02/08/2007 M 3,000 09/26/2006 \$ 10.63 08/31/1999 \$ 16.97 10/23/1999 \$ 26.25 11/10/2001 \$ 29.31 10/02/2002 \$ 32.75 04/04/2002 \$ 33.75 10/27/2000 \$ 44.6875 08/13/2000 \$ 51.229 11/08/2003 \$ 53.86 10/27/2004	\$41.79 02/08/2007 M 20,000 09/21/2005 09/21/2014 \$45.16 02/08/2007 M 4,375 10/27/2004 04/26/2014 \$47.95 02/08/2007 M 3,000 09/26/2006 09/26/2012 \$10.63 08/31/1999 08/31/2008 \$16.97 10/23/1999 10/23/2008 \$26.25 11/10/2001 11/10/2010 \$29.31 10/02/2002 10/02/2011 \$32.75 04/04/2002 04/04/2011 \$33.75 10/27/2000 10/27/2009 \$44.6875 08/13/2000 08/13/2010 \$51.229 11/08/2003 07/30/2013	\$41.79 02/08/2007 M 20,000 09/21/2005 09/21/2014 Common Stock \$41.79 02/08/2007 M 4,375 10/27/2004 04/26/2014 Common Stock \$47.95 02/08/2007 M 3,000 09/26/2006 09/26/2012 Common Stock \$10.63 08/31/1999 08/31/2008 Common Stock \$16.97 10/23/1999 10/23/2008 Common Stock \$26.25 11/10/2001 11/10/2010 Common Stock \$29.31 10/02/2002 10/02/2011 Common Stock \$33.75 04/04/2002 04/04/2011 Common Stock \$44.6875 08/31/200 08/13/2010 Common Stock \$44.6875 08/31/200 08/13/2010 Common Stock \$53.86 10/27/2004 10/27/2013 Common Stock \$53.86 10/27/2004 10/27/2014 Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

X

Director 10% Owner Officer Other

LEVY KENNETH

C/O KLA-TENCOR CORPORATION

160 RIO ROBLES SAN JOSE, CA 95130 Chairman of the Board

Signatures

Kenneth Levy 02/11/2007

**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) Due to an administrative error, the number of securities beneficially owned by the reporting person was reported incorrectly on the original Form 4.
- (2) Each restricted stock unit represents a contingent right to receive one share of KLAC common stock.

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.

Reporting Owners 4