

LEVY KENNETH  
Form 4  
February 12, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
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).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
LEVY KENNETH

(Last) (First) (Middle)

C/O KLA-TENCOR CORPORATION, 160 RIO ROBLES

(Street)

SAN JOSE, CA 95130

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
KLA TENCOR CORP [KLAC]

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/08/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chairman of the Board

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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)
Common Stock	02/08/2007		M	A	\$ 37.05 7,711	D	
Common Stock	02/08/2007		S	D	\$ 50.9616 1,552	D	
Common Stock	02/08/2007		M	A	\$ 34.67 13,869	D	
Common Stock	02/08/2007		S	D	\$ 50.9616 1,552	D	
Common Stock	02/08/2007		M	A	\$ 45.16 5,927	D	
Common Stock	02/08/2007		S	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 <sup>(1)</sup>
Common Stock-Restricted Stock Units <sup>(2)</sup>							1,000	D	

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

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SEC 1474  
(9-02)

**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 Security (Instr. 3 and 4)	Am Nur Sha	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
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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Non-Qualified Stock Option (right to buy)	\$ 40.66	02/08/2007	M	2,625	10/27/2004	08/02/2014	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 41.79	02/08/2007	M	20,000	09/21/2005	09/21/2014	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 45.16	02/08/2007	M	4,375	10/27/2004	04/26/2014	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 47.95	02/08/2007	M	3,000	09/26/2006	09/26/2012	Common Stock	3
Non-Qualified Stock Option (right to buy)	\$ 10.63				08/31/1999	08/31/2008	Common Stock	54
Non-Qualified Stock Option (right to buy)	\$ 16.97				10/23/1999	10/23/2008	Common Stock	22
Non-Qualified Stock Option (right to buy)	\$ 26.25				11/10/2001	11/10/2010	Common Stock	18
Non-Qualified Stock Option (right to buy)	\$ 29.31				10/02/2002	10/02/2011	Common Stock	28
Non-Qualified Stock Option (right to buy)	\$ 32.75				04/04/2002	04/04/2011	Common Stock	18
Non-Qualified Stock Option (right to buy)	\$ 33.75				10/27/2000	10/27/2009	Common Stock	90
Non-Qualified Stock Option (right to buy)	\$ 44.6875				08/13/2000	08/13/2010	Common Stock	37
Non-Qualified Stock Option (right to buy)	\$ 51.229				11/08/2003	07/30/2013	Common Stock	6
Non-Qualified Stock Option (right to buy)	\$ 53.86				10/27/2004	10/27/2013	Common Stock	7
Non-Qualified Stock Option (right to buy)	\$ 58.1				10/27/2004	01/27/2014	Common Stock	3

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEVY KENNETH C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130	X		Chairman of the Board	

## Signatures

Kenneth Levy                      02/11/2007

    Signature of                      Date  
Reporting Person

## 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.