

LEVY KENNETH  
Form 4  
August 19, 2005

**FORM 4**

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

OMB APPROVAL

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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, 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)  
160 RIO ROBLES  
(Street)

SAN JOSE, CA 95134

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
08/17/2005

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)
				(A) or (D) Code V Amount (D) Price			
Common Stock	08/17/2005	08/17/2005	S	40,000 D \$ 49.2586	298,000	I	KGMW,LP
Common Stock					1,141	D	
Common Stock					40,000	I	Levy Fam. Foundation
Common Stock					1,644,375	I	Levy Fam. Trust

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

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(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 Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number Shares
Non-Qualified Stock Option (right to buy)	\$ 10.63					08/31/1999 08/31/2008	Common Stock 204,27
Non-Qualified Stock Option (right to buy)	\$ 16.97					10/23/1999 10/23/2008	Common Stock 220,72
Non-Qualified Stock Option (right to buy)	\$ 26.25					11/10/2001 11/10/2010	Common Stock 18,951
Non-Qualified Stock Option (right to buy)	\$ 29.31					10/02/2002 10/02/2011	Common Stock 28,425
Non-Qualified Stock Option (right to buy)	\$ 32.75					04/04/2002 04/04/2011	Common Stock 18,951
Non-Qualified Stock Option (right to buy)	\$ 33.75					10/27/2000 10/27/2009	Common Stock 90,000
Non-Qualified Stock Option (right to buy)	\$ 34.67					11/08/2003 01/28/2013	Common Stock 15,724
Non-Qualified Stock Option (right to buy)	\$ 37.05					11/08/2003 11/08/2012	Common Stock 7,863
Non-Qualified Stock Option	\$ 40.66					10/27/2004 08/02/2014	Common Stock 4,500

(right to buy)						
Non-Qualified Stock Option (right to buy)	\$ 41.79		09/21/2005	09/21/2014	Common Stock	50,000
Non-Qualified Stock Option (right to buy)	\$ 44.6875		08/13/2000	08/13/2010	Common Stock	37,901
Non-Qualified Stock Option (right to buy)	\$ 45.16		10/27/2004	04/26/2014	Common Stock	7,500
Non-Qualified Stock Option (right to buy)	\$ 51.229		11/08/2003	07/30/2013	Common Stock	7,863
Non-Qualified Stock Option (right to buy)	\$ 53.86		10/27/2004	10/27/2013	Common Stock	12,000
Non-Qualified Stock Option (right to buy)	\$ 58.1		10/27/2004	01/27/2014	Common Stock	6,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEVY KENNETH 160 RIO ROBLES SAN JOSE, CA 95134	X		Chairman of the Board	

## Signatures

By: Stuart J. Nichols For: Kenneth  
Levy 08/19/2005

\*\*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. 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.