KLA TENCOR CORP

Form 4

December 06, 2004

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Glasser Lance A

(Last) (First) (Middle)

C/O KLA-TENCOR CORPORATION, 160 RIO **ROBLES**

(Street)

(State)

4. If Amendment, Date Original

Filed(Month/Day/Year)

2. Issuer Name and Ticker or Trading Symbol

KLA TENCOR CORP [KLAC]

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

12/03/2004

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner Other (specify X_ Officer (give title below)

6. Individual or Joint/Group Filing(Check

Executive Vice President

Applicable Line)

X 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

SAN JOSE, CA 95130

(City)

1.Title of

(Instr. 3)

Security	2. Transaction Date	2A. D
	(Month/Day/Year)	Execu

(Zip)

eemed. ution Date, if (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

2,500

3,500

3,500

(A)

D

Securities

5. Amount of 6. Ownership Beneficially Form: Direct (D) or Indirect

D

D

7. Nature of Indirect Beneficial Ownership (Instr. 4)

Price Code V Amount (D) Common Stock 12/03/2004 M 2,500 10.63

S

M

S

Common Stock 12/03/2004

12/03/2004

12/03/2004

Stock-Restricted

Common Stock

Common Stock

Common

Owned **Following** Reported (I) Transaction(s) (Instr. 4)

(Instr. 3 and 4) 5,436 D

D 2,936

6,436

2,936

49.23

D 33,333

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Stock Units (1)

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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 10.63	12/03/2004		M		2,500	08/31/1999	08/31/2008	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 10.63	12/03/2004		M		3,500	08/31/1999	08/31/2008	Common Stock	3,5
Non-Qualified Stock Option (right to buy)	\$ 26.25						11/10/2001	11/10/2010	Common Stock	5,0
Non-Qualified Stock Option (right to buy)	\$ 29.31						10/02/2002	10/02/2011	Common Stock	22,5
Non-Qualified Stock Option (right to buy)	\$ 32.75						04/04/2002	04/04/2011	Common Stock	5,0
Non-Qualified Stock Option (right to buy)	\$ 33.75						10/27/2000	10/27/2009	Common Stock	20,0
Non-Qualified Stock Option (right to buy)	\$ 34.67						11/08/2003	01/28/2013	Common Stock	9,0
Non-Qualified Stock Option (right to buy)	\$ 37.05						11/08/2003	11/08/2012	Common Stock	4,5

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Non-Qualified Stock Option (right to buy)	\$ 40.66	10/27/2004	08/02/2014	Common Stock	3,7
Non-Qualified Stock Option (right to buy)	\$ 41.79	09/21/2005	09/21/2014	Common Stock	75,0
Non-Qualified Stock Option (right to buy)	\$ 42.28	11/30/2000	11/30/2009	Common Stock	10,0
Non-Qualified Stock Option (right to buy)	\$ 44.6875	08/13/2000	08/13/2010	Common Stock	10,0
Non-Qualified Stock Option (right to buy)	\$ 45.16	10/27/2004	04/26/2014	Common Stock	6,2
Non-Qualified Stock Option (right to buy)	\$ 51.229	11/08/2003	07/30/2013	Common Stock	4,5
Non-Qualified Stock Option (right to buy)	\$ 53.86	10/27/2004	10/27/2013	Common Stock	10,0
Non-Qualified Stock Option (right to buy)	\$ 58.1	10/27/2004	01/27/2014	Common Stock	5,0

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Glasser Lance A C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130			Executive Vice President			

Signatures

By: Stuart J. Nichols For: Lance A. Glasser 12/06/2004

**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).
- (1) 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.

Reporting Owners 3

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