DICKSON JOHN T

Form 4

August 02, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

Expires:

3235-0287

January 31, 2005

Estimated average

0.5

burden hours per response...

OMB APPROVAL

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 * **DICKSON JOHN T**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

KLA TENCOR CORP [KLAC]

(Check all applicable)

(First) (Middle) (Last)

(Street)

3. Date of Earliest Transaction (Month/Day/Year) 07/31/2007

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

C/O KLA-TENCOR CORPORATION, 160 RIO

ROBLES

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting

SAN JOSE, CA 95130

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security

(Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned (I) Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)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 Conversion

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

5. Number

6. Date Exercisable and

7. Title and Am Underlying Seco

Edgar Filing: DICKSON JOHN T - Form 4

Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and	1)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	A on N of S
Non-Qualified Stock Option (Rights to	\$ 56.79	07/31/2007		A	1,250	07/31/2007(1)	07/31/2017	Common Stock	

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
DICKSON JOHN T C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130	X				

Signatures

Buy)

/s/ Brian Martin as Attorney-in-fact For John T.

Dickson 08/02/2007

**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) The Option is immediately exercisable for all the underlying shares.

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 2