KLA TENCOR CORP

Form 4 May 03, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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See Instruction

Check this box

if no longer

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 * **BINGHAM H RAYMOND**

(First)

2. Issuer Name and Ticker or Trading Symbol

KLA TENCOR CORP [KLAC]

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

(Zip)

3. Date of Earliest Transaction

(Check all applicable)

C/O KLA-TENCOR CORPORATION, 160 RIO

ROBLES

(City)

(Instr. 3)

(Last)

(Month/Day/Year)

05/03/2007

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

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

SAN JOSE, CA 95130

1. Title of Security 2. Transaction Date 2A. Deemed

(State)

(Month/Day/Year)

(Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership Form: Direct (D) or Indirect

7. Nature of Indirect Beneficial Ownership

(Instr. 4)

(9-02)

Reported (A)

(I) (Instr. 4)

Transaction(s)

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

Common

Stock-Restricted Stock Units (1)

1,935

Following

D

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transacti Code (Instr. 8)	Secur Acqui (A) or	rivative ities ired rosed of . 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and 4
				Code V	7 (A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 55.88	05/01/2007		A	1,25	0	05/01/2007(2)	04/30/2017	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 40.24						05/11/2005	05/11/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 40.68						10/18/2004	10/18/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 41.45						08/01/2006	08/01/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 44.76						01/25/2005	01/25/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 47.23						11/09/2001	11/09/2011	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 47.86						05/02/2006	05/02/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 49.99						11/04/2005	11/04/2012	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 50.39						02/14/2007	02/14/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 51.35						08/02/2005	08/02/2012(3)	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 51.98						01/31/2006	01/31/2013	Common Stock
	\$ 52.75						08/15/2000	08/15/2010	

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Non-Qualified Stock Option (right to buy)				Common Stock
Non-Qualified Stock Option (right to buy)	\$ 53.47	03/29/2007	03/29/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 59.44	11/05/2003	11/05/2013	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships				
reporting of the Fund of Fundament	Director	10% Owner	Officer	Other	
BINGHAM H RAYMOND C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130	X				

Signatures

By: John Kispert For: Raymond H
Bingham
05/03/2007

**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) Each restricted stock unit represents a contingent right to receive one share of KLAC common stock.
- (2) The Option is immediately exercisable for all the underlying shares.
- (3) Option expiration date was reported incorrectly on the original Form 4.

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 3