

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

FORM 4
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

1. Name and Address of Reporting Person(s)

Campagna, John Peter
12233 Menalto Drive

Los Altos Hills, CA 94022

2. Issuer Name and Ticker or Trading Symbol

KLA-Tencor Corporation (KLAC)

3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary)

4. Statement for Month/Year

11/02

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

[] Director [] 10% Owner
[X] Officer (give title below) [] Other (specify below)
Vice President and Treasurer

7. Individual or Joint/Group Filing (Check 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

1) Title of Security	2) Trans- action Date (Month/ Day/Year)	3) Trans- action Code	4) Securities Acquired(A) or Disposed of (D) A or D Price	5) Amount of Securities Beneficially Owned at End of Month	6) 7) Nature of Indirect D Beneficial or I Ownership
Common Stock				409	D Direct

Table II (PART 1) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1 through 6)

1) Title of Derivative Security	2) Conversion or Exercise Price of Derivative Security	3) Trans- action Date	4) Trans- action Code	5) Number of Derivative Securities Acquired (A) or Disposed of (D) A D	6) Date Exercisable and Expiration Date Exercisable Expiration
Non-Qualified Stock Option (right to buy)	\$29.3100				10/02/11
Non-Qualified Stock Option (right to buy)	\$31.8125				12/22/10
Non-Qualified Stock Option (right to buy)	\$37.0500	11/08/02	A	3,250	11/08/12

Table II (PART 2) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1, 3 and 7 through 11)

1) Title of Derivative Security	3) Trans- action Date	7) Title and Amount of Underlying Securities Title	8) Price of Derivative Security Amount or Number of Shares	9) Number of Derivative Securities Beneficially Owned at End of Month	10) 11) Nature of D Indirect or I Beneficial Ownership
Non-Qualified Stock Option (right to buy)		Common Stock	19,500	19,500	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	16,730	16,730	D Direct
Non-Qualified Stock Option (right to buy)	11/08/02	Common Stock	3,250	3,250	D Direct

<FN>
Explanation of Responses:

</FN>

SIGNATURE OF REPORTING PERSON

/S/ By: Stuart J. Nichols
For: John Peter Campagna
DATE 11/11/02

