FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Trafas Brian M. | | | | 2. Issuer Name and Ticker or Trading Symbol KLA CORP [KLAC] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | |
|--|---|--|---|--|------|---|--------------------------------------|---|--|---|---|--|--|---------------------------------|
| (Last) (First) (Middle) C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/05/2019 | | | | | X Officer (give title below) Other (specify below) Executive Vice President | | | | | |
| (Street) MILPITAS, CA 95035 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) (State) (Zip) | | | | 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) | Code (Instr. 8) | | n 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities | | | Form: | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | Code | V | Amount | (A) or (D) | Price | | | | or Indirect (I) (Instr. 4) | (Instr. 4) |
| Common Stock Un | Stock - R | Restricted | 08/05/2019 | | М | | 1,251 (2) | D | \$ 0 | 32,001 | (3) | | D | |
| Common | Stock | | 08/05/2019 | | M | | 1,251 (2) | A | \$ 0 | 4,300 | | | D | |
| Common | Stock | | 08/05/2019 | | F | | 621 ⁽⁴⁾ | D | \$ 133.24 | 3,679 | | | D | |
| Common | Stock | | 08/05/2019 | | S | | 3,049 (<u>5</u>) | D | \$ 130.1 | 630 | | | D | |
| Common Stock Un | Stock - R | Restricted | 08/06/2019 | | M | | 5,456 (6) | D | \$ 0 | 26,545 | <u>(3)</u> | | D | |
| Common | Stock | | 08/06/2019 | | M | | 5,456 (6) | A | \$ 0 | 6,086 | | | D | |
| Common | Stock | | 08/06/2019 | | F | | 2,706 (7) | D | \$ 135.64 | 3,380 | | | D | |
| Common Stock Un | Stock - R nits (1) | Restricted | 08/06/2019 | | M | | 2,200 (8) | D | \$ 0 | 24,345 | <u>(3)</u> | | D | |
| Common | Stock | | 08/06/2019 | | M | | 2,200 (8) | A | \$ 0 | 5,580 | | | D | |
| Common | Stock | | 08/06/2019 | | F | | 1,091 (7) | D | \$ 135.64 | 4,489 | | | D | |
| Common | Stock | | 08/06/2019 | | S | | 630 (5) | D | \$ 131.87 | 3,859 | | | D | |
| Reminder: | Report on a | separate line | for each class of secur | rities beneficially ov | | Pers | sons wh tained ir | o resp | orm are | not requ | ction of inf ired to res OMB cont | pond unle | ss | 1474 (9-02) |
| | | | | Derivative Securit | | | | | | ly Owned | | | | |
| Security | 2. Conversion or Exercise Price of Derivative Security | | on 3A. Deemed Execution Da any | 4. Transaction Code Year) (Instr. 8) | 5. | 6. D and (Mc | pate Exerc Expiratio enth/Day/ | isable n Date | 7. Ti Amo Und Secu | ttle and ount of erlying urities r. 3 and | Derivative | 9. Number Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownersl Form of Derivati Security Direct (I or Indire | Beneficial Ownership (Instr. 4) |

4, and 5)

| | Code V (A) (D) | Date Expiration Date Title | Amount or Number of Shares | |
|--|----------------|----------------------------|----------------------------|--|
|--|----------------|----------------------------|----------------------------|--|

Reporting Owners

| | Relationships | | | | | | |
|---|---------------|--------------|--------------------------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Trafas Brian M. C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035 | | | Executive Vice President | | | | |

Signatures

| /s/ Teri Little as Attorney-in-Fact for Brian M. Trafas | 08/07/2019 |
|---|------------|
| **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 ("RSU") represents a contingent right to receive one share of KLA common stock.
- (2) On August 3, 2017, the reporting person was granted 5,003 RSUs. On August 3, 2019, 25% of those shares vested but were not released until August 5, 2019.
- Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made regarding the achievement of the applicable performance goals. Any such holdings will be reported on a Form 4 within two business days of the date such assessment is made.
- (4) Pursuant to the terms of the grant, shares of KLA common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA common stock as reported on August 2, 2019.
- (5) This sale was effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on November 13, 2018.
- (6) On August 6, 2015, the reporting person was granted performance RSUs that the Compensation Committee determined in 2018 was for 10,912 shares based on the satisfaction of performance criteria. On August 6, 2019, the remaining shares vested.
- (7) Pursuant to the terms of the grant, shares of KLA common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA common stock as reported on August 6, 2019.
- (8) On August 6, 2015, the reporting person was granted 5,003 RSUs. On August 6, 2019, the remaining RSUs vested.

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.