FORM 4

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

OMB APPROVAL
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(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 Higgins Bren D.				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_ Office	EVP & 0	ow) Chief Financ	Other (specify lial Officer	pelow)
MILPITA	AS, CA 95	(Street) 035		4. If Amendment,	Date Origi	nal F	iled(Month	/Day/Yea	ar)	_X_ Form fil	ed by One Repo	Group Filing orting Person one Reporting		ble Line)
(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)	ction	(A) or D	Disposed of (D 3, 4 and 5)		Beneficia	nt of Securities ally Owned Following I Transaction(s) and 4)		6. Ownership Form: Direct (D) or Indirect	Beneficial Ownership
					Code	V	Amount	(A) or (D)	Price				(I) (Instr. 4)	(Instr. 4)
Common Stock Un	Stock - R	estricted	08/05/2019		М		2,814 (<u>2</u>)		\$ 0	58,868	(3)		D	
Common	Stock		08/05/2019		М		2,814 (2)	A	\$ 0	7,351			D	
Common	Stock		08/05/2019		F		1,396 (4)	D	\$ 133.24	5,955			D	
Common	Stock		08/05/2019		S		1,654 (5)	D	\$ 130.1	4,301			D	
Common Stock Un	Stock - R	estricted	08/06/2019		M		8,215 (6)	D	\$ 0	50,653	(3)		D	
Common	Stock		08/06/2019		M		8,215 (6)	A	\$ 0	12,516			D	
Common	Stock		08/06/2019		F		4,073 (7)	D	\$ 135.64	8,443			D	
Common Stock - Restricted Stock Units (1)		08/06/2019		M		3,312 (8)	D	\$ 0	47,341	(3)		D		
Common Stock		08/06/2019		M		3,312 (8)	A	\$ 0	11,755			D		
Common Stock		08/06/2019		F		1,643 (7)	D	\$ 135.64	10,112			D		
Reminder:	Report on a s	separate line f	or each class of secu	rities beneficially o		Pers	sons who	o resp this t	form are	not requ		formation spond unleader	ss	1474 (9-02)
				Derivative Securit (e.g., puts, calls, wa										
1. Title of Derivative Security (Instr. 3)	Conversion	3. Transaction Date (Month/Day)	on 3A. Deemed Execution Day (Year) any	4. Transaction Code Year) (Instr. 8)	5.	6. E and (Mo	Date Exerc Expiratio onth/Day/	isable n Date	7. T Amo Und Secu	itle and ount of lerlying urities tr. 3 and		9. Number Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form of Derivat Security Direct (or Indir	Beneficial Ownership (Instr. 4)

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

Reporting Owners

	Relationships									
Reporting Owner Name / Address	Director	10% Owner	Officer	Other						
Higgins Bren D. C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035			EVP & Chief Financial Officer							

Signatures

/s/ Teri A. Little as Attorney-in-Fact for Bren D. Higgins	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 11,256 RSUs. On August 3, 2019, 25% of those shares vested but were not released until August 5, 2019.
- (3) 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 June 11, 2019.
- (6) On August 6, 2015, the reporting person was granted performance RSUs which the Compensation Committee determined in 2018 was for 16,430 shares based on the achievement of performance criteria. On August 6, 2019, the remaining 50% of the award 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 13,250 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.