FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| heck this box if no longer subject | | | | | | |
|------------------------------------|--|--|--|--|--|--|
| Section 16. Form 4 or Form 5 | | | | | | |
| bligations may continue. See | | | | | | |
| estruction 1(h) | | | | | | |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| 1. Name and Address of Reporting Person* Kuo David C | | | | | AP | 2. Issuer Name and Ticker or Trading Symbol APPLIED OPTOELECTRONICS, INC. [AAOI] | | | | | | | | | k all app Direc Office | tor er (give title | ng Pers | 10% Ov | wner |
|---|--|-------|--------|--|--|--|---|-------|--|---|--------------------|--|------------------------------|---|---|-----------------------|--|--|------|
| (Last) | (Last) (First) (Middle) C/O APPLIED OPTOELECTRONICS, INC. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/22/2024 | | | | | | | | 21 | belov | v) *** See | below) arks | | |
| 13139 JESS PIRTLE BLVD. | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | | |
| (Street) SUGAR | LAND TX | 7 | 77478 | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (City) | (City) (State) (Zip) | | | | | Rule 10b5-1(c) Transaction Indication | | | | | | | | | | | | | |
| | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | Secu | rities | s Acq | uired, | Dis | posed of | , or E | Benefi | cially | / Own | ed | | | |
| Dat | | | | 2. Transaction Date (Month/Day/Year) | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | | | ies Acquired (A) Of (D) (Instr. 3, 4 | | 4 and Secur Bene Owne | | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | | | Code | v | Amount | (A) (D) | or Pri | се | | ction(s) 3 and 4) | | | (111511.4) | | |
| Common Stock, \$.001 par value | | | | 04/22/2024 | | | | F | | 676(1) | D | \$1 | 2.12 | 11 | 117,533 | | D | | |
| Common Stock, \$.001 par value 04/2 | | | | 04/22/2 | 2024 | | | | F | | 998(1) | D | \$1 | \$12.12 | | 116,535 | | D | |
| Common Stock, \$.001 par value 04/ | | | | 04/22/2 | 2/2024 | | | | F | | 1,192(2) | D | \$1 | \$12.12 | | 115,343 | | D | |
| Common Stock, \$.001 par value 04/2 | | | | 04/22/2 | /2024 | | | | F | F 2,089 ⁽³⁾ | | D | \$1 | 2.12 | 113,254 | | 3,254 D | | |
| | | Tal | | | | | | | | | osed of, o | | | | Owne | d | | | |
| 1. Title of Derivative Security (Instr. 3) | vative Conversion Date Execution Date, irity or Exercise (Month/Day/Year) if any | | | | Transaction Code (Instr. | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | e and int of rities rlying ative rity (Inst 4) | Dei Sec (Ins | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | y C | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | | (A) | (D) | Date Exercisable | | Expiration Date | Title | or Number of Shares | | | | | | |

Explanation of Responses:

- 1. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 11, 2021.
- 2. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 27, 2022.
- 3. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 26, 2023.

Remarks:

Senior Vice President and Chief Legal Officer

/s/ David C. Kuo

04/24/2024

** Signature of Reporting Person Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.