FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

| | OMB APPROVAL | | | | | | | | | |
|---|--------------------------|-----------|--|--|--|--|--|--|--|--|
| | OMB Number: | 3235-0287 | | | | | | | | |
| | Estimated average burden | | | | | | | | | |
| 1 | hours nor resnance. | 0.5 | | | | | | | | |

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|---|--|--------------|--------|--|-----------------|--|--------------------|---|--|--|--------|--|---|-----------------|---|---|--------------------------|---|---|--|--|--|--|
| Name and Address of Reporting Person* Kuo David C | | | | | AI | 2. Issuer Name and Ticker or Trading Symbol APPLIED OPTOELECTRONICS, INC. AAOI] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | | | |
| | | | | | | | | | | | | | | | AA | v | O#i/-i +i+ - | | | (specify | | | |
| ` ′ | (Last) (First) (Middle) | | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) | | | | | | | | | General Counsel and Secretary | | | | | |
| C/O APPLIED OPTOELECTRONICS, INC. | | | | | 01/ | 01/22/2018 | | | | | | | | | | | | | | | | | |
| 13139 JESS PIRTLE BLVD. | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6 | 6. Individual or Joint/Group Filing (Check Applicable | | | | | | | | |
| (Street) | | | | | | . | Line) | | | | | | | | | | | | | | | | |
| SUGAR | LAND ' | ГΧ | 77 | 7478 | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | | | |
| | | | | | | . | | | | | | | | | | | Pers | | e than One Re | porting | | | |
| (City) | (| State) | (Z | ip) | | | | | | | | | | | | | | | | | | | |
| | | | Table | e I - Nor | n-Deriv | ative | Se | curitie | s Acc | uired, | Dis | posed o | f, oı | r Ben | eficia | ally O | wne | ed | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | Day/Year) Exe | | Execution f any | A. Deemed xecution Date, any Month/Day/Year) | | Transaction Disposed Code (Instr. 5) | | ties Acquired (A) d Of (D) (Instr. 3, 4 | | | 4 and Secu Bene | | 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) or (D) | Price | Transaction(s) | | | (111311.4) | | | | |
| Common Stock, \$.001 par value 01/22 | | | | | | 22/2018 | | | | F | | 403(1) |) | D | \$35 | .03 20,853 | | D | | | | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversid or Exercis Price of Derivative Security | e (Month/Day | /Year) | 3A. Deem Execution if any (Month/Da | Date, | Code (Instr. | | n of | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | str. 3 | 8. Price Deriva Securi (Instr. | vative urity r. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | Code | | | | Date Expiration | | Title | or Nur of | ount | | | | | | | | | | | | |

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 February 21, 2017.

/s/ David C. Kuo

01/24/2018

** 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.