FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| STATEMENT | OF | CHANGES | IN BE | ENEFICIA | L OWN | ERSHIP |
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| l | OIVID APPROVAL | | | | | | | | | | |
|---|-----------------------|-----------|--|--|--|--|--|--|--|--|--|
| l | OMB Number: | 3235-0287 | | | | | | | | | |
| l | Estimated average bur | den | | | | | | | | | |
| I | 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).

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* Yeh Shu-Hua (Joshua) (Last) (First) (Middle) C/O APPLIED OPTOELECTRONICS, INC. 13139 JESS PIRTLE BLVD. | | | | | 2. Issuer Name and Ticker or Trading Symbol APPLIED OPTOELECTRONICS, INC. [AAOI] 3. Date of Earliest Transaction (Month/Day/Year) 10/24/2022 | | | | | | | | | (Ched | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) *** See Remarks | | | | | |
|---|--|--|--|---|---|---|-------|---------------------------|-----------|---|-------------|--------------|---|--|---|--|--|---|----|--|
| (Street) SUGAR LAND TX 77478 (City) (State) (Zip) | | | | | 4. If <i>F</i> | Amend | ment, | Date o | f Origina | l Filed | d (Month/Da | y/Year) |) | 6. Ind Line) | Form | Joint/Grou filed by On filed by Mo on | e Rep | orting Pers | on | |
| | | | I - No | | | _ | | | | Dis | posed of | | | | - | | | | | |
| [| | | 2. Transaction Date (Month/Day/Year) | | Exec if an | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Transaction D | | 4. Securities Acquired (A Disposed Of (D) (Instr. 3, 5) | | | , 4 and Securiti Benefic Owned | | ies cially Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | v | Amount | (A) (D) | or P | rice | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | | |
| Common | Stock, \$.00 | 1 par value | | 10/24/2 | 2022 | | F | | 414(1) | Г |) ! | 52.74 | 74 281,030 | | | D | | | | |
| Common | Stock, \$.00 | 1 par value | | 10/24/2 | 2022 | | | | F | | 1,671(2) | Г |) (| 52.74 | 4 279,359 | | | D | | |
| Common Stock, \$.001 par value | | | | 10/24/2 | .0/24/2022 | | | | F | | 1,081(3) | Г |) [| 52.74 | 278,278 | | | D | | |
| Common Stock, \$.001 par value | | | | 10/24/2022 | | | | F | | 1,641(4) | Г |) (| 52.74 | 276,637 | | D | | | | |
| Common Stock, \$.001 par value | | | 10/24/2 | 10/24/2022 | | | | F 1,903 ⁽⁵⁾ | | Г |) (| 52.74 | 274,734 | | | 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. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Dee Executi | 3A. Deemed Execution Date, if any (Month/Day/Year) 4. Transaction Code (Instr. 8) Code (Instr. 8) 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, and 5) | | mber ative rities ired osed . 3, 4 | - | Exerci on Da Day/Yo | sable and | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) Amount or Number of Title Shares | | 8. De Se (Ir | Price of erivative scurity str. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | у | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |

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 12, 2019.
- 2. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on February 3, 2020.
- 3. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 11, 2021.
- 4. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 11, 2021.
- 5. Reflects shares surrendered to the Issuer to satisfy tax-withholding obligations upon the vesting of restricted stock unit award granted on June 27, 2022.

Remarks:

*** Senior Vice President and Asia General Manager

/s/ David C. Kuo, attorney in fact for Shu-Hua (Joshua) Yeh

10/26/2022

** 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.