

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 or Section 30(h) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person* <u>DUNN JAMES L JR</u> (Last) (First) (Middle) <u>C/O APPLIED OPTOELECTRONICS, INC,</u> <u>13115 JESS PIRTLE BLVD.</u> (Street) <u>SUGAR LAND TX 77478</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>APPLIED OPTOELECTRONICS, INC. [AAOI]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/23/2014</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock, \$0.001 par value	09/23/2014		M		2,500	A	\$7.5	2,500	D	
Common Stock, \$0.001 par value	09/23/2014		S		2,500	D	\$17	0	D	
Common Stock, \$0.001 par value	09/23/2014		M		1,875	A	\$9.96	1,875	D	
Common Stock, \$0.001 par value	09/23/2014		S		1,875	D	\$17.01	0	D	
Common Stock, \$0.001 par value	09/23/2014		M		1,100	A	\$13.84	1,100	D	
Common Stock, \$0.001 par value	09/23/2014		S		1,100	D	\$17.09	0	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. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		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)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Incentive Stock Option (Right to Buy)	\$7.5	09/23/2014		M			1,250	07/01/2014	11/15/2014	Common Stock, \$0.001 par value	1,250	\$0	0	D	
Incentive Stock Option (Right to Buy)	\$7.5	09/23/2014		M			1,250	08/15/2014	11/15/2014	Common Stock, \$0.001 par value	1,250	\$0	0	D	
Incentive Stock Option (Right to Buy)	\$9.96	09/23/2014		M			1,875	08/15/2014	11/15/2014	Common Stock, \$0.001 par value	1,875	\$0	0	D	
Incentive Stock Option (Right to Buy)	\$13.84	09/23/2014		M			1,100	08/15/2014	11/15/2014	Common Stock, \$0.001 par value	1,100	\$0	0	D	

Explanation of Responses:

/s/ David C. Kuo for James L. Dunn, Jr. 09/25/2014

** 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.

