FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPRO	JVAL					
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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* Cleary Martin D (Last) (First) (Middle)						2. Issuer Name and Ticker or Trading Symbol ELECTRO OPTICAL SCIENCES INC /NY [MELA] 3. Date of Earliest Transaction (Month/Day/Year)										5. Relationship of (Check all applica X Director Officer (g below)		olicable) etor er (give title	g Pers	erson(s) to Issuer 10% Owner Other (specify below)	
C/O ELECTRO-OPTICAL SCIENCES, INC. 3 WEST MAIN ST. SUITE #201 (Street) IRVINGTON NY 10533						05/29/2007 4. If Amendment, Date of Original Filed (Month/Day/Year)										3. Indi ine) X	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(S		(Zip)	2 Doriv	rativo	. 50	ourit	ios A	\ ca	uirod	Dicr	2050d 0		r Pon	ofici	ally	Own				
Table I - Non-Deriv 1. Title of Security (Instr. 3) 2. Trans. Date (Month/I					action	2A. Deemed Execution Date,			ite,	3. Transa Code (I 8)	ction	4. Securities Acquired (A) Disposed Of (D) (Instr. 3,) or 5. Ar 4 and Secu Bend Own		Amount of curities eneficially vned Following		mership : Direct · Indirect str. 4)	7. Nature of Indirect Beneficial Ownership
							Code	v	Amount	Amount (A) or (D)		Pric	e	Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)			
Common	05/25	5/2007		05/2	05/25/2007		P		35		A	\$4.57			35		D				
Common	05/25	5/2007		05/25/2007		P		286		A	\$4.6		321			D					
Common Stock 05/2						5/2007		05/25/2007		P		4,922	2	A	A \$4.58		5,243		D		
Common Stock 05/29/							05/2	05/29/2007		P		200		A	\$4.6		5,443			D	
		Ta	able II - I									sed of, onvertib					wned				
1. Title of Derivative Security (Instr. 3)	ve Conversion or Exercise Price of Derivative Security Conversion of Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) Execution Date, if			4. Transa Code (8)	action (Instr	ition of Derivative (Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Date Exercisable and Expiration Date Month/Day/Year) Date Expiration Date Expiration Date Date			Amount of Securities Underlying Derivative Security (Instr. and 4)		ount nber	Der Sec	rice of ivative ivarity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Oi Fo Di (I)	o. wnership orm: irect (D) r Indirect) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

Explanation of Responses:

Remarks:

/s/ Philip DeBellis as attorneyin-fact for Martin Cleary

05/29/2007

** Signature of Reporting Person

Date

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

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.

^{*} 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).