Wong Bing-Fai Form 4 May 18, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Wong Bing-Fai

13900 NW SCIENCE PARK DR.

2. Issuer Name and Ticker or Trading

Symbol

ELECTRO SCIENTIFIC INDUSTRIES INC [ESIO]

(Last) (First) (Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 05/14/2009

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Director 10% Owner _X__ Officer (give title Other (specify

below)

Sr Director of Customer Ops

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

PORTLAND, OR 97229

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative Securit	ties Ac	quired, Disposed o	of, or Beneficial	ly 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 onAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	05/14/2009		A	3,500 A	\$0	21,655	D	
Common Stock	05/14/2009		A	7,000 A	\$0	28,655	D	

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

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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. Transact Code (Instr. 8)	tion	5. Number of on 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 Underlying Securitie (Instr. 3 and 4)	
				Code V	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
Stock Appreciation Rights	\$ 8.26	05/14/2009		A		40,000		<u>(1)</u>	05/13/2019	Common Stock	40,00

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wong Bing-Fai

13900 NW SCIENCE PARK DR. Sr Director of Customer Ops

PORTLAND, OR 97229

Signatures

By: Kerry L. Mustoe For: Bing-Fai

Wong 05/18/2009

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) SOSAR becomes exercisable for 25% of the shares on the first four anniversaries of the grant date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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