

ELECTRO SCIENTIFIC INDUSTRIES INC

Reported by
HARRIS STEVEN L

FORM 3

(Initial Statement of Beneficial Ownership)

Filed 05/15/17 for the Period Ending 05/11/17

Address	13900 NW SCIENCE PARK DR PORTLAND, OR 97229
Telephone	5036414141
CIK	0000726514
Symbol	ESIO
SIC Code	3690 - Miscellaneous Electrical Machinery, Equipment,
Industry	Electrical Components & Equipment
Sector	Industrials
Fiscal Year	03/28

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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 *			2. Date of Event Requiring Statement (MM/DD/YYYY)		3. Issuer Name and Ticker or Trading Symbol		
Harris Steven L			5/11/2017		ELECTRO SCIENTIFIC INDUSTRIES INC [ESIO]		
(Last) (First) (Middle)			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
13900 NW SCIENCE PARK DR.			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Vice President of Engineering /				
(Street)			5. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)		
PORTLAND, OR 97229					<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)							

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	50781	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Harris Steven L 13900 NW SCIENCE PARK DR. PORTLAND, OR 97229			Vice President of Engineering	

Signatures

By: Aric McKinnis, Attorney-in-Fact For: Steven L. Harris

5/15/2017

**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 5(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 control number.

POWER OF ATTORNEY (Section 16(a) Reporting)

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, an officer, director and/or shareholder of Electro Scientific Industries, Inc. (the "Company"), does hereby constitute and appoint Paul Oldham and Aric McKinnis, and any one of them, his true and lawful attorney and agent to execute in his name any and all reports required to be filed under Section 16(a) of the Securities Exchange Act of 1934 with respect to equity securities of the Company; and to file the same with the Securities and Exchange Commission and any applicable stock exchange; and the undersigned does hereby ratify and confirm all that said attorneys and agents, or any of them, shall do or cause to be done by virtue hereof.

This Power of Attorney revokes all prior Powers of Attorney relating to reporting under Section 16(a) with respect to equity securities of the Company and shall remain in effect until revoked by a subsequently filed instrument.

Date: May 11, 2017

*/s/ Steven L. Harris
Steven L. Harris*