

OMB APPROVAL	
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**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* <u>MUHICH ALLEN L.</u> _____ (Last) (First) (Middle) <u>13900 NW SCIENCE PARK DR.</u> _____ (Street) <u>PORTLAND OR 97229</u> _____ (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>12/05/2017</u>	3. Issuer Name and Ticker or Trading Symbol <u>ELECTRO SCIENTIFIC INDUSTRIES INC [ESIO]</u>	
		4. 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>	5. If Amendment, Date of Original Filed (Month/Day/Year) _____ 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: 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:**  
 No securities are beneficially owned.

By: Aric McKinnis, Attorney-in-Fact For: Allen L. Muhich 12/06/2017

\*\* 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 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 Dallas Thornton and Aric B. 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: December 5, 2017 /s/ Allen L. Muhich  
Allen L. Muhich