Tham Maggie Form 4 October 21, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

obligations may continue. See Instruction 1(b).

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 5

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

(Print or Type Responses)

1. Name and Address of Reporting Person *

Tham Maggie

(Last)

Security

(Instr. 3)

2. Issuer Name and Ticker or Trading

Symbol

Electronic Sensor Technology, Inc

[ESNR]

3. Date of Earliest Transaction

(Month/Day/Year) 07/25/2008

1077 BUSINESS CENTER CIRCLE

(First)

(Street) 4. If Amendment, Date Original

(Middle)

(Zip)

Filed(Month/Day/Year)

NEWBURY PARK, CA 91320

(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

below)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(State)

(City) 2. Transaction Date 2A. Deemed 1.Title of

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 8) (Month/Day/Year) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

Indirect Ownership (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of TransactionDerivative Derivative Conversion (Month/Day/Year) **Expiration Date Underlying Securities** Execution Date, if Code (Month/Day/Year) (Instr. 3 and 4) Security or Exercise Securities any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A Disposed of (Instr. 3, 4, 5)	f (D)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.03	07/25/2008		A		869,565		(1)	07/25/2018	Common Stock	869,565

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Tham Maggie 1077 BUSINESS CENTER CIRCLE NEWBURY PARK, CA 91320	X					

Signatures

/s/ Philip Yee, Attorney-in-Fact for Maggie
Tham 10/21/2008

**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) The options granted to Ms. Tham will vest as follows: 25% of the option shares will vest on July 25, 2009, 25% of the option shares will vest on July 25, 2010, 25% of the option shares will vest on July 25, 2011 and 25% of the option shares will vest on July 25, 2012.

Remarks:

Exhibit 24 - Power of Attorney (incorporated by reference from Form 3 filed on October 21, 2008)

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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