STROM JOHN S Form 4 June 24, 2005

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

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Check this box

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)

may continue.

See Instruction

1. Name and Address of Reporting Person ** STROM JOHN S		Person <u>*</u> 2. Syn	Issuer Name and abol	l Ticker or	Tradir	ng	5. Relationship of Reporting Person(s) to Issuer			
			ELECTRO SENSORS INC [ELSE]			(Che	eck all applicable	e)		
(Last)	(First) (N	Middle) 3. D	3. Date of Earliest Transaction							
		(Mo	nth/Day/Year)				_X_ Director		6 Owner	
5005 ARDEN AVENUE			22/2005				Officer (gives)	te titleOth below)	er (specify	
(Street) 4. If Am			Amendment, D	nendment, Date Original				6. Individual or Joint/Group Filing(Check		
			iled(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person			
EDINA, MN 55424							Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-l	Derivative	Secur	ities Acc	quired, Disposed	of, or Beneficial	lly Owned	
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Secur	ities A	cquired	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution Da	-			d of	Securities	Form: Direct	Indirect	
(Instr. 3)		any	Code (D)			Beneficially	(D) or	Beneficial		
		(Month/Day/	Year) (Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					(A)		Reported			
					or		Transaction(s)			
			Code V	Amount		Price	(Instr. 3 and 4)			
Common Stock	06/22/2005		S	1,000	D	\$ 4.75	1,000	D		

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)

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8. Pri Deriv Secur (Instr

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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 2.58						04/29/1998	04/28/2008	Common Stock	3,000
Stock Option (Right to Buy)	\$ 2						04/28/1999	04/27/2009	Common Stock	3,000
Stock Option (Right to Buy)	\$ 2.33						04/26/2000	04/25/2010	Common Stock	3,000
Stock Option (Right to Buy)	\$ 2.89						04/25/2001	04/24/2011	Common Stock	3,000
Stock Option (Right to Buy)	\$ 4.49						04/17/2002	04/17/2012	Common Stock	3,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner France / Francess	Director	10% Owner	Officer	Other			
STROM JOHN S 5005 ARDEN AVENUE EDINA, MN 55424	X						

Signatures

Bradley D. Slye as Attorney-in-Fact for John S. Strom pursuant to Power of Attorney	06/24/2005
previously filed	00/24/2003

Reporting Owners 2

**Signature of Reporting Person

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).

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.

Signatures 3

Date