COGNEX CORP Form 4

January 31, 2007

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 Form 5

obligations may continue. See Instruction 1(b).

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

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)

NATICK, MA 01760

(City)

1. Name and Address of Reporting Person * SHILLMAN ROBERT J

2. Issuer Name and Ticker or Trading Symbol

COGNEX CORP [CGNX]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 05/23/2005

COGNEX CORPORATION, ONE **VISION DRIVE**

(State)

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

(Zip)

January 31, Expires: 2005 Estimated average

OMB APPROVAL

3235-0287

OMB

Number:

burden hours per response... 0.5

(Check all applicable) _X__ Director 10% Owner _ Other (specify X_ Officer (give title below) below) **CEO** 6. Individual or Joint/Group Filing(Check Applicable Line)

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

5. Relationship of Reporting Person(s) to

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

Issuer

	Table 1-1001-Delivative Securities Acquired, Disposed of, or Deficiently Owned							iy Owncu		
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)				5. Amount of 6. Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)		
Common Stock (1)	05/23/2005		S	3,000	D D	\$ 26.05	62,000	I	by Trust	
Common Stock (1)	05/24/2005		S	17,000	D	\$ 26.05	45,000	I	by Trust	
Common Stock (1)	05/31/2005		S	17,000	D	\$ 26.05	28,000	I	by Trust	
Common Stock (1)	06/02/2005		S	2,500	D	\$ 26.06	25,500	I	by Trust	
Common Stock (1)	06/06/2005		S	25,500	D	\$ 26.05	0	I	by Trust	

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Common Stock (1)

3,535,506 D

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

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SEC 1474

(9-02)

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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired or Dispos (D) (Instr. 3, 4 and 5)	e (A) ed of	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am Nui Sha
Non-Qualified Stock Option (right to buy)	\$ 21.66	01/29/2007		A	42,500		01/29/2008	01/29/2017	Common Stock	42
Non-Qualified Stock Option (right to buy)	\$ 18.125						04/27/2005	12/21/2015	Common Stock	60
Non-Qualified Stock Option (right to buy)	\$ 21.195						01/01/2004	04/02/2013	Common Stock	41
Non-Qualified Stock Option (right to buy)	\$ 21.74						01/01/2003	02/11/2012	Common Stock	24
Non-Qualified Stock Option (right to buy)	\$ 22.685						04/01/2002	03/13/2011	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 24.66						01/01/2002	06/25/2011	Common Stock	39
Non-Qualified Stock Option (right to buy)	\$ 25.02						01/01/2006	01/10/2015	Common Stock	50
Non-Qualified Stock Option (right to buy)	\$ 28.954						04/27/2002	04/27/2009	Common Stock	62

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Non-Qualified Stock Option (right to buy)	\$ 29.35	07/22/2005	07/22/2014	Common Stock	5
Non-Qualified Stock Option (right to buy)	\$ 29.38	(2)	01/30/2016	Common Stock	47
Non-Qualified Stock Option (right to buy)	\$ 30.813	04/27/2004	12/14/2014	Common Stock	35
Non-Qualified Stock Option (right to buy)	\$ 31.94	01/01/2005	02/25/2014	Common Stock	11

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SHILLMAN ROBERT J COGNEX CORPORATION ONE VISION DRIVE NATICK, MA 01760	X		CEO				

Signatures

Robert J
Shillman 01/31/2007

**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) 700 Shares held by Reporting Person's spouse. The Reporting Person disclaims beneficial ownership of these shares. 7,000 Shares held by Reporting Person's children. The Reporting Person disclaims beneficial ownership of these shares.
- (2) This option vests in four equal annual installments commencing on January 1, 2007.

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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