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)

1. Name and Address of Reporting Person * WASSERMAN REUBEN

(First) (Middle) (Last)

COGNEX CORPORATION, ONE

VISION DRIVE

(Street)

NATICK, MA 01760

2. Issuer Name and Ticker or Trading

Symbol

COGNEX CORP [CGNX] 3. Date of Earliest Transaction

(Month/Day/Year) 01/29/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

0.5

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

5. Amount of

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

Securities Beneficially Owned Following Reported Transaction(s)

6. Ownership Form: Direct (I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

(Instr. 3 and 4)

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 Derivative Security

2. Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number Transaction Derivative Code Securities

Date Exercisable and **Expiration Date**

(Month/Day/Year)

7. Title and Amour Underlying Securit (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	/ (A) (D) Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 21.66	01/29/2007		A	7,500	01/29/2008	01/29/2017	Common Stock	7,5
Non-Qualified Stock Option (right to buy)	\$ 16					12/14/2000	03/02/2008	Common Stock	5,0
Non-Qualified Stock Option (right to buy)	\$ 21.195					01/01/2004	04/02/2013	Common Stock	10,0
Non-Qualified Stock Option (right to buy)	\$ 25.02					01/01/2006	01/10/2015	Common Stock	7,5
Non-Qualified Stock Option (right to buy)	\$ 25.595					12/31/2004	01/22/2016	Common Stock	10,0
Non-Qualified Stock Option (right to buy)	\$ 29.38					<u>(1)</u>	01/30/2016	Common Stock	7,5
Non-Qualified Stock Option (right to buy)	\$ 31.94					01/01/2005	02/25/2014	Common Stock	7,5

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
WASSERMAN REUBEN COGNEX CORPORATION ONE VISION DRIVE NATICK, MA 01760	X					

Signatures

Reuben	
Wasserman	01/31/2007
**Signature of Reporting Person	Date

Reporting Owners 2

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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) 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.