COGNEX CORP

Form 4

February 21, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **SUN ANTHONY**

2. Issuer Name and Ticker or Trading

Issuer

Symbol

(Last)

(First) (Middle) COGNEX CORP [CGNX] 3. Date of Earliest Transaction

X_ Director 10% Owner

C/O VENROCK, 2494 SAND HILL

02/19/2008

Officer (give title below)

Other (specify

ROAD, SUITE 200

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Instr. 8)

(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Applicable Line)

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

MENLO PARK, CA 94025

(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 Disposed of (D)

5. Amount of Securities Beneficially Owned

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

Following Reported

(Instr. 4)

Ownership (Instr. 4)

(A) or Code V Amount (D) Price

(Instr. 3, 4 and 5)

Transaction(s) (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 of Derivative Expiration Date Code Securities

Date Exercisable and

(Month/Day/Year)

7. Title and Am Underlying Secu (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	An or No of Sh
,	Non-Qualified Stock Option (right to buy)	\$ 18.7	02/19/2008		A	7,500	02/19/2009(1)	02/19/2018	Common Stock	7
,	Non-Qualified Stock Option (right to buy)	\$ 18.7	02/19/2008		A	6,750	02/19/2010(2)	02/19/2018	Common Stock	6

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
SUN ANTHONY C/O VENROCK 2494 SAND HILL ROAD, SUITE 200 MENLO PARK, CA 94025	X					

Signatures

ANTHONY

SUN 02/21/2008

**Signature of Date 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).
- (1) Shares subject to the option vest in four equal annual installments beginning on the first anniversary of the grant date.
- (2) Shares subject to the option vest in four equal annual installments beginning on the second anniversary of the grant date.

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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