COGNEX CORP

Form 4

February 23, 2017

FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer

subject to Section 16. STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

See Instruction 1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * KRANTZ THEODOR			2. Issuer Name and Ticker or Trading Symbol COGNEX CORP [CGNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
ONE VISION DRIVE			(Month/Day/Year) 02/21/2017	X Director 10% Owner Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
NATICK, MA 01760			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/21/2017		M	20,000	A	\$ 11.61	38,750	D	
Common Stock	02/21/2017		S	20,000	D	\$ 76.5737	18,750	D	

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

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

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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)	Transaction Code (Instr. 8)	*		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Underlying (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 11.61	02/21/2017		M		20,000	05/30/2008	05/30/2017	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 76.78	02/21/2017		A	13,000		02/21/2018	02/21/2027	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
KRANTZ THEODOR ONE VISION DRIVE NATICK, MA 01760	X							

Signatures

Theodor Krantz 02/23/2017

**Signature of Person 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).

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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