COGNEX CORP Form SC 13G February 13, 2004

> SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

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SCHEDULE 13G (RULE 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

COGNEX CORPORATION

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

192422103

(CUSIP Number)

DECEMBER 31, 2003

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [X] Rule 13d-1(d)

(1) The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NO. 192422103

13G

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1.		REPORTING PERSONS ENTIFICATION NO.		Robert J. ONS (ENTITIES		
2.	CHECK THE	APPROPRIATE BOX	IF A MEMBER O	F A GROUP*		(a) [] (b) X
3.	SEC USE C	NLY				
4.	CITIZENSH USA	IP OR PLACE OF OF	RGANIZATION			
	NUMBER OF SHARES BENEFICIALLY OWNED BY	5. SOLE VOTIN 4,780,706				
	EACH REPORTING PERSON WITH		FING POWER			
		4,780,706	DSITIVE POWER			
		8. SHARED DIS 0	SPOSITIVE POWE	R		
10	. CHECK BC SHARES*	E AMOUNT BENEFIC:	TE AMOUNT IN R	OW (9) EXCLUDI		[]
11 	. PERCENT 10.8%	OF CLASS REPRESEN	NIED BY AMOUNT	IN ROW 9		
12	. TYPE OF IN	REPORTING PERSON	*			
		*SEE INST	RUCTIONS BEFOR	E FILLING OUT	!	
			2			
	SIP NO. 19242	2103	13G		PAGE 3 OF	6 PAGES
ITH	EM 1(A).	NAME OF ISSUER:	זאר			
ITH	EM 1(B).	COGNEX CORPORATIO		EXECUTIVE OFF:	ICES:	

One Vision Drive, Natick, MA 01760 _____ _____ ITEM 2(A). NAME OF PERSON FILING: Robert J. Shillman _____ _____ ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE: c/o Cognex Corporation, One Vision Drive, Natick, MA 01760 _____ _____ ITEM 2(C). CITIZENSHIP: USA _____ ITEM 2(D). TITLE OF CLASS OF SECURITIES: Common _____ ITEM 2(E). CUSIP NUMBER: 192422103 _____ ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULE 13D-1(B), OR 13D-2(B) OR (C), CHECK WHETHER THE PERSON FILING IS A: Broker or dealer registered under Section 15 of the Exchange Act; (a) [] (b) [] Bank as defined in Section 3(a)(6) of the Exchange Act; (c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act; (d) [] Investment company registered under Section 8 of the Investment Company Act; An investment adviser in accordance with Rule (e) [] 13d-1(b)(1)(ii)(E); (f) [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); 3 _____ _____ CUSIP NO. 192422103 13G PAGE 4 OF 6 PAGES (g) [] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);

> (h) [] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;

(i)	[]	А	church	plan	that	is	exclud	ded	from	the	defin	niti	Lon	of
			ar	n invest	tment	compa	any	under	Sec	ction	3(c)	(14)	of	the	è
		Investment Company Act;													

(j) [] Group, in accordance with Rule 13d-1(1)(ii)(J).

ITEM 4. OWNERSHIP.

(a)			
	4,78	8,406 (1)	
(b)	Perc	ent of class:	
	10.8	8 (2)	
(c)	Numb	er of shares as to which such person has:	
	(i)	Sole power to vote or to direct the vote	4,780,706
	(ii)	Shared power to vote or to direct the vote	0
	(iii)	Sole power to dispose or to direct the disposition of	4,780,706
	(iv)	Shared power to dispose or to direct the disposition of	0

- (1) Aggregate amount of beneficial ownership includes (i) 4,527,706 of such shares held by Mr. Shillman and (ii) options exercisable as of December 31, 2003 or exercisable within sixty days of December 31, 2003 to purchase 253,000 of such shares. Also includes 700 shares owned by Mr. Shillman's spouse and 7,000 shares owned by Mr. Shillman's children.
- (2) Based on 43,932,655 shares of common stock outstanding as of December 31, 2003, and 253,000 shares subject to options exercisable as of December 31, 2003 or exercisable within 60 days of December 31, 2003.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

CUSIP NO.	192422103	13G		PAGE 5 OF	6 PAGES
ITEM 7.	IDENTIFICATION AND THE SECURITY BEING		OF THE SUBSIDIARY THE PARENT HOLDING		IRED
	Not applicable				
ITEM 8.	IDENTIFICATION AND	CLASSIFICATION	OF MEMBERS OF THE	GROUP.	
	Not applicable				
ITEM 9.	NOTICE OF DISSOLUT	ION OF GROUP.			
	Not applicable				
ITEM 10.	CERTIFICATIONS.				
	Not applicable				
		5			

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

/s/ Robert J. Shillman ------(Signature)

Robert J. Shillman, CEO

(Name/Title)

LIBC/1681943.1