ALIAS PATRICK Form 4

March 14, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

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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

1(b).

(Print or Type Responses)

may continue.

See Instruction

1. Name and Add ALIAS PATR	•	ting Person *	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) 03/12/2012	X Director 10% Owner Officer (give title Other (specify		
			03/12/2012	below) below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Chec		
			Filed(Month/Day/Year)	Applicable Line)		
NATICK, MA 01760				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	quired, Disposed of, or Beneficially Owne		

	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Deficically Owned							y Owned	
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio			cquired (A) (D)	5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and	5)	Beneficially Owned	Form: Direct (D)	Beneficial Ownership
					(A)		Following Reported	or Indirect (I)	(Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/12/2012		M	7,500	A	\$ 21.66	7,500	D	
Common Stock	03/12/2012		S	7,500	D	\$ 42.3044	0	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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3. Transaction Date 3A. Deemed

Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)		Underlying Securit (Instr. 3 and 4)	
				Code V	,	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Non-Qualified Stock Option	\$ 21.66	03/12/2012		M	7,500	01/29/2008	01/29/2017	Common Stock	7,5

4.

5. Number

6. Date Exercisable and

7. Title and Amour

Reporting Owners

2.

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

Signatures

(right to buy)

1. Title of

Patrick Alias 03/14/2012

**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).

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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