ALIAS PATRICK

Form 4

January 17, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * **ALIAS PATRICK**

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

COGNEX CORP [CGNX]

(Check all applicable)

ONE VISION DRIVE

3. Date of Earliest Transaction (Month/Day/Year)

X_ Director 10% Owner Other (specify Officer (give title below)

02/14/2011

6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original Filed(Month/Day/Year)

(Instr. 8)

Applicable Line)

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

(Instr. 4)

Person

NATICK, MA 01760

(State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

(City)

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

(Month/Day/Year)

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 Ownership

Following (A) or

Reported Transaction(s)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

(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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

(Instr. 4)

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

1. Title of Derivative Security (Instr. 3)

Conversion or Exercise Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

5. Number of 4 TransactionDerivative Code Securities (Instr. 8) Acquired (A) or

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Am Underlying Sec (Instr. 3 and 4)

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	Derivative Security				Disposed of (Instr. 3, 4, 5)				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 7.5	12/14/1993	A	V	400,000		12/16/1997	12/14/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 15.719	06/03/1998	A	V	150,000		04/21/2000	06/03/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 16	12/15/1998	A	V	12,000		12/15/1999	12/15/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 28.954	04/27/1999	A	V	15,200		04/27/2003	04/27/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 30.67	02/14/2011	A		7,500		02/14/2012	02/14/2021	Common Stock

Reporting Owners

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

Signatures

Patrick Alias 01/17/2012

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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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^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).