

COGNEX CORP

Reported by
ALIAS PATRICK

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 11/28/17 for the Period Ending 11/27/17

Address ONE VISION DR
NATICK, MA, 01760
Telephone 5086503000
CIK 0000851205
Symbol CGNX
SIC Code 3823 - Industrial Instruments for Measurement, Display, and Control of Process Variables and Related Products
Industry Industrial Machinery & Equipment
Sector Industrials
Fiscal Year 12/31

FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

[] Check this box if no longer
subject to Section 16. Form 4 or
Form 5 obligations may
continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
ALIAS PATRICK			COGNEX CORP [CGNX]			<input checked="" type="checkbox"/> Director _____ 10% Owner <input type="checkbox"/> Officer (give title below) _____ Other (specify below)		
(Last) (First) (Middle)			3. Date of Earliest Transaction (MM/DD/YYYY)					
ONE VISION DRIVE			11/27/2017					
(Street)			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
NATICK, MA 01760						<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)								

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/27/2017		M		5000	A	\$21.055	5000	D	
Common Stock	11/27/2017		S		5000	D	\$143.5387	0	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$21.055	11/27/2017		M		5000		2/13/2014	2/13/2023	Common Stock	5000	\$0.0	15000	D	
Non-Qualified Stock Option (right to buy)	\$3.75							12/16/1997	12/14/2008	Common Stock	800000		800000	D	
Non-Qualified Stock Option (right to buy)	\$7.8595							4/21/2000	6/3/2008	Common Stock	300000		300000	D	
Non-Qualified Stock Option (right to buy)	\$8.0							12/15/1999	12/15/2008	Common Stock	24000		24000	D	
Non-Qualified Stock Option (right to buy)	\$9.35							2/19/2009	2/19/2018	Common Stock	6750		6750	D	
Non-Qualified Stock Option (right to buy)	\$12.51							1/1/2006	1/10/2015	Common Stock	15000		15000	D	
Non-Qualified Stock Option (right to buy)	\$14.477							4/27/2003	4/27/2014	Common Stock	60800		60800	D	
Non-Qualified Stock Option (right to buy)	\$14.69							(1)	1/30/2016	Common Stock	15000		15000	D	
Non-Qualified Stock Option (right to buy)	\$16.4875							1/1/2005	4/22/2014	Common Stock	6666		6666	D	
Non-Qualified Stock Option (right to buy)	\$33.44							2/12/2017	2/12/2026	Common Stock	17500		17500	D	
Non-Qualified Stock Option (right to buy)	\$39.31							2/18/2015	2/18/2024	Common Stock	17500		17500	D	
Non-Qualified Stock Option (right to buy)	\$41.25							2/17/2016	2/17/2025	Common Stock	17500		17500	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$76.78							2/21/2018	2/21/2027	Common Stock	17500		17500	D	

Explanation of Responses:

(1) This option vests in four equal annual installments commencing on January 1, 2007.

Reporting Owners

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

Signatures

Patrick Alias

11/28/2017

—Signature of Reporting Person

Date

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

* 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.

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.