MORIN RICHARD

Form 4

December 17, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

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Form 5 obligations may continue. See Instruction

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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * MORIN RICHARD

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

COGNEX CORP [CGNX]

(Check all applicable)

COGNEX CORPORATION, ONE

(Street)

(First)

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

Director X_ Officer (give title below)

10% Owner Other (specify

VISION DRIVE

12/15/2009

Sr. VP F&A, CFO 6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

Person

NATICK, MA 01760

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

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

Execution Date, if

(Month/Day/Year)

(Middle)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amor Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date** Underlying Secur Securities Security or Exercise Code (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am or Num of S
Non-Qualified Stock Option (right to buy)	\$ 24.035	12/15/2009		D			11,250	01/21/2006	01/21/2012	Common Stock	11
Non-Qualified Stock Option (right to buy)	\$ 25.02	12/15/2009		D			32,500	01/01/2009	01/10/2015	Common Stock	32
Non-Qualified Stock Option (right to buy)	\$ 29.38	12/15/2009		D			35,000	12/15/2009	01/30/2016	Common Stock	35
Non-Qualified Stock Option (right to buy)	\$ 30.813	12/15/2009		D			17,000	04/27/2005	12/14/2014	Common Stock	17
Non-Qualified Stock Option (right to buy)	\$ 31.94	12/15/2009		D			32,500	01/01/2008	02/25/2014	Common Stock	32

Reporting Owners

Reporting Owner Name / Address	Kelationships						
	Director	10% Owner	Officer				

MORIN RICHARD COGNEX CORPORATION ONE VISION DRIVE NATICK, MA 01760

Sr. VP F&A, CFO

Other

Relationshine

Signatures

Richard A.
Morin

**Signature of Date

**Signature of Reporting Person

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).