miller jeffrey benjamin Form 4 November 04, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

3235-0287 Number:

Expires:

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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * miller jeffrey benjamin

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

COGNEX CORP [CGNX] 3. Date of Earliest Transaction

(Check all applicable)

(First) (Middle) (Last)

(Street)

(Month/Day/Year) 11/02/2011

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

ONE VISION DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

Person

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

NATICK, MA 01760

Security

(Instr. 3)

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned Ownership Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (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 5. Number 6. Date Exercisable and 7. Title and Amour 4 Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative **Expiration Date** Underlying Securit Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Month/Day/Year) (Instr. 3) Price of (Instr. 8) Acquired

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Derivative (A) or Security Disposed of (D) (Instr. 3, 4, and 5)

> (A) (D) Date Expiration Title

Exercisable Date

Amo

or Num of Shar

Non-Qualified

Common 02/01/2013 11/02/2021 Stock Option \$ 33.59 11/02/2011 Α 7,500 Stock (right to buy)

Code V

7,5

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other

miller jeffrey benjamin

X ONE VISION DRIVE NATICK, MA 01760

Signatures

Jeffrey B. Miller 11/04/2011 **Signature of Date 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.

Reporting Owners 2

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