COGNEX CORP

Form 4

September 28, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

OMB APPROVAL

Number:

3235-0287

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January 31, 2005

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Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations

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).

Common

Stock

09/16/2010

(Print or Type Responses)

may continue.

See Instruction

	Address of Reporting N ROBERT J (First)	Syml COO	GNEX CORP [CGNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
ONE VISIO	, ,	(Mor	te of Earliest Transaction th/Day/Year) 2/2010	Director 10% Owner S Officer (give title Other (specify below) CEO
	(Street)		Amendment, Date Original (Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person
NATICK, N	MA 01760			Form filed by More than One Reporting Person
(City)	(State)	(Zip)	Table I - Non-Derivative Securiti	ies Acquired, Disposed of, or Beneficially Owned
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Code (Instr. 3, 4 and 5) ar) (Instr. 8) (A) or	of (D) Securities Ownership Indirect) Beneficially Form: Direct Beneficial Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)
Cognex Common Stock	05/12/2010		Code V Amount (D) G V 16,006 D	Price \$0 3,525,600 D
Cognex				

V 450,000 D

\$0

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

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3,075,600

D

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. onNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month Day/Tear)	(Month/Day/Year)	Code (Instr. 8)	Code of (M		(Month/Day/Year)		ring es and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

	Relationships
Reporting Owner Name / Address	-

Director 10% Owner Officer Other

SHILLMAN ROBERT J

ONE VISION DRIVE CEO

NATICK, MA 01760

Signatures

Robert J.

Shillman 09/27/2010

**Signature of Date
Reporting Person

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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