Wilson Timothy M Form 4 March 30, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Wilson Timothy M

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

InvenSense Inc [INVN]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

X Director 10% Owner Officer (give title Other (specify

11/15/2011

1197 BORREGAS AVENUE

(Zip)

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

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

below)

SUNNYVALE, CA 94089

(City)

(Instr. 3)

1.Title of 2. Transaction Date 2A. Deemed Security

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

SEC 1474 (9-02)

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		6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities	
,	or Exercise Price of		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A)	(Month/Day/Year)	(Instr. 3 and 4)	

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Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Code V Expiration Title (A) (D) Date Amount Exercisable Date or Number of Shares Stock Option Common (1) 11/14/2021 20,000 \$ 7.5 11/15/2011 A 20,000 (Right to Stock

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Wilson Timothy M

1197 BORREGAS AVENUE X

Signatures

SUNNYVALE, CA 94089

Buy)

Timothy M.
Wilson

**Signature of Reporting Person

Date

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).
- The option vests over 1 year following the vesting commencement date of November 15, 2011, at the rate of 1/12th per month.

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