Shah Amit Form 4 November 21, 2012

FORM 4

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

OMB 3235-0287 Number:

Estimated average

burden hours per

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

response... 0.5

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Shah Amit			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			InvenSense Inc [invn]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
C/O ARTIMAN VENTURES, 2000 UNIVERSITY AVE, SUITE 602			11/20/2012	Officer (give title Other (specification) below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
EAST PALO) ALTO, CA	A 94303	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

EAST PALO ALTO, CA 94303	

(City)	(State) (2	Zip) Table	e I - Non-D	Perivative Securities A	cquired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities onAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
G			Code V	(-)	Reported Transaction(s) (Instr. 3 and 4)	,	
Common Stock	11/20/2012		M	5,000 A \$ 7.5	5,000	D	
Common Stock					15,000	I	See Footnote

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

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number 6. Date Exercisable and Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 7.5	11/20/2012		M	5,000	(2)	11/14/2021	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships				
. 9	Director	10% Owner	Officer	Other	
Shah Amit C/O ARTIMAN VENTURES 2000 UNIVERSITY AVE, SUITE 602 EAST PALO ALTO, CA 94303	X				

Signatures

Amit Shah 11/21/2012

**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 reported securities are held by Artiman Management, LLC, a limited liability company of which the reporting person is a managing (1) member. The reporting person shares voting control and investment power over the securities held by Artiman Management, LLC, but disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- (2) 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.

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