Logan Joseph W Form 4 December 11, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Logan Joseph W

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

SYNOPSYS INC [SNPS]

(Check all applicable)

(Last) (First) (Middle)

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

Director

10% Owner _ Other (specify

700 EAST MIDDLEFIELD ROAD

12/08/2012

_X__ Officer (give title _ below) Sr. VP, Worldwide Sales

6. Individual or Joint/Group Filing(Check

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting

Person

MOUNTAIN VIEW, CA 94043

(City)	(State) ((Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	12/08/2012		M	6,250	A	\$0	41,655	D	
Common Stock	12/08/2012		M	5,000	A	\$ 0	46,655	D	
Common Stock	12/08/2012		M	4,575	A	\$0	51,230	D	
Common Stock	12/08/2012		F	1,834 (1)	D	\$ 32.92	49,396	D	
Common Stock	12/08/2012		F	1,679 (1)	D	\$ 32.92	47,717	D	

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Common Stock 12/08/2012 F $\frac{2,293}{(1)}$ D $\frac{\$}{32.92}$ 45,424 D

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

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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 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)	Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	ve Expiration D (Month/Day/	6. Date Exercisable and Expiration Date (Month/Day/Year)		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	
Restricted Stock Units	\$ 0	12/08/2012		D	6,25	0 12/08/2012	2 12/08/2012	Common Stock	6,250	
Restricted Stock Units	\$ 0	12/08/2012		D	5,00	0 12/08/2012	2 12/08/2013	Common Stock	5,000	
Restricted Stock Units	\$ 0	12/08/2012		D	4,57	5 12/08/2012	2 12/08/2014	Common Stock	4,575	

Reporting Owners

Reporting Owner Name / Address		F.		
Dir	ector 10% (Owner Officer	Other	

Logan Joseph W 700 EAST MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043

Sr. VP, Worldwide Sales

Relationships

Signatures

By: Stephen Buckhout pursuant to POA For: Joseph W
Logan

12/11/2012

**Signature of Reporting Person Date

Reporting Owners 2

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).
- These shares were retained by the Company in order to meet the tax withholding obligations of the award holder in connection with the (1) vesting of an installment of the performance restricted stock unit award. The Compensation Committee approved the disposition of shares
- by the award holder and the amount retained by the Company was not in excess of the amount of the tax liability.

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.