Logan Joseph W Form 4 December 23, 2011

FORM 4

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

S AND EXCHANGE COMMISSION OMB Number: Expires:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires. 2005
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OMB APPROVAL

3235-0287

January 31,

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 * Logan Joseph W	2. Issuer Name and Ticker or Trading Symbol SYNOPSYS INC [SNPS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check an applicable)
	(Month/Day/Year)	Director 10% Owner
700 EAST MIDDLEFIELD ROAD	12/23/2011	_X_ Officer (give title Other (specify below) Sr. VP, Worldwide Sales
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check
	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person _ Form filed by More than One Reporting
MOUNTAIN VIEW, CA 94043		Person

(City)	(State) ((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. Transaction Code (Instr. 8)	4. Securities Acquired ior(A) or Disposed of (D) (Instr. 3, 4 and 5)			Beneficially (D) or Owned Indirect (I) Following (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	12/23/2011		M	4,250	A	\$0(1)	27,549	D	
Common Stock	12/23/2011		F	1,828 (2)	D	\$ 27.32	25,721	D	
Common Stock	12/23/2011		M	6,250	A	\$ 0 (1)	31,971	D	
Common Stock	12/23/2011		F	2,917 (2)	D	\$ 27.32	29,054	D	
Common Stock	12/23/2011		M	5,000	A	\$ 0 (1)	34,054	D	

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Common Stock	12/23/2011	F	2,334 (2)	D	\$ 27.32	31,720	D
Common Stock	12/23/2011	M	4,575	A	\$ 0 (1)	36,295	D
Common Stock	12/23/2011	F	2,135 (2)	D	\$ 27.32	34,160	D

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

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(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)	4. Transactic Code (Instr. 8)	5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and 2. Underlying \$ (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Number of Shares
Restricted Stock Units	\$ 0	12/23/2011		D	4,250	12/23/2011	12/23/2011	Common Stock	4,250
Restricted Stock Units	\$ 0	12/23/2011		D	6,250	12/23/2011	12/08/2012	Common Stock	6,250
Restricted Stock Units	\$ 0	12/23/2011		D	5,000	12/23/2011	12/08/2013	Common Stock	5,000
Restricted Stock Units	\$ 0	12/23/2011		D	4,575	12/23/2011 <u>(3)</u>	12/08/2014	Common Stock	4,575

Reporting Owners

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

Reporting Owners 2

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

Sr. VP, Worldwide Sales

Signatures

/s/ Stephen Buckhout pursuant to POA for: Joseph W Logan

12/23/2011

**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).
- (1) Upon vesting, each restricted stock unit was converted into an equivalent number of shares of common stock of Synopsys, Inc.
- These shares were retained by Synopsys, Inc. in order to meet the tax withholding obligations of the award holder in connection with the vesting of an installment of the performance restricted stock unit award. The Compensation Committee of Synopsys, Inc.'s Board of Directors approved the disposition of shares by the award holder and the amount retained by Synopsys, Inc. was not in excess of the amount of the tax liability.
- (3) 25% of the units vest on the date shown, followed by three equal annual installments vesting on December 8 of each year.

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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