Logan Joseph W Form 4 July 10, 2012

FORM 4

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

OMB APPROVAL OMB

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

Form 5 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 1(b).

(Print or Type Responses)

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

(Last)

(City)

(First) (Middle)

(Zip)

SYNOPSYS INC [SNPS] 3. Date of Earliest Transaction

(Check all applicable)

700 EAST MIDDLEFIELD ROAD

(Month/Day/Year)

Director 10% Owner Other (specify X_ Officer (give title below)

6. Individual or Joint/Group Filing(Check

07/10/2012

Sr. VP, Worldwide Sales

(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

Deminative Committee Assumed Disposed of an Demoficially Or

MOUNTAIN VIEW, CA 94043

(State)

()/	(4)	Table 1 - 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	(A or Amount (D	•	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)				
Common Stock	07/10/2012		M	23,334 A	\$ 19.34	58,739	D				
Common Stock	07/10/2012		S	23,334 D	\$ 29.4925 (1)	35,405	D				

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)

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. Transaction Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 19.34	07/10/2012		M	23,334	09/13/2010	09/13/2013	Common Stock	23

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Sr. VP, Worldwide Sales

Signatures

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

07/10/2012

**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).
- (1) All shares sold on this date sold at the average price of \$29.492540 which consists of 2000 @ 29.42, 1500 @ 29.46, 2000 @ 29.47, 500 @ 29.48, 2500 @ 29.49, 1000 @ 29.502, 10234@ 29.51, 3500 @ 29.5101, 100 @ 29.5125.

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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