Logan Joseph W Form 4 September 10, 2009

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if no longer

subject to

Form 5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

0.5

January 31, Expires: 2005

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Section 16. Form 4 or obligations

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

See Instruction 1(b).

(C:tr.)

(State)

(7:m)

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Logan Joseph W Issuer Symbol SYNOPSYS INC [SNPS] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 700 EAST MIDDLEFIELD ROAD 09/10/2009 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) (.	Table Table	e I - Non-D	erivative (Secur	ities Acqu	uired, Disposed of	, or Beneficiall	y 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. Securit n(A) or Di (Instr. 3,	spose 4 and (A)	d of (D)	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)
Common Stock	09/10/2009		Code V M	Amount 263	or (D)	Price \$ 15.18	(Instr. 3 and 4) 3,908	D	
Common Stock	09/10/2009		S	263	D	\$ 22.13	3,645	D	
Common Stock	09/10/2009		M	29	A	\$ 15.18	3,674	D	

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

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number.

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. Transactio Code (Instr. 8)	tiomf Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V		(D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 15.18	09/10/2009		M(1)		263	08/19/2008	08/19/2014	Common Stock	263
Non-Qualified Stock Option (right to buy)	\$ 15.18	09/10/2009		M(1)		29	08/19/2008	08/19/2014	Common Stock	29

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

09/10/2009

**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) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

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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