Logan Joseph W Form 4 March 02, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287

Number: January 31, Expires: 2005

OMB APPROVAL

Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

SECURITIES

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 * 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 _X__ Officer (give title _ Other (specify 700 EAST MIDDLEFIELD ROAD 03/02/2012 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 Person

MOUNTAIN VIEW, CA 94043

(City)	(State)	(Zip) Tab	le I - Non-	Derivativo	e Secu	rities Acqui	red, 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. Transactic Code (Instr. 8)	4. Securionor Dispo (Instr. 3,	sed of 4 and (A) or	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/02/2012		M	8,938	A	\$ 21.1	43,098	D	
Common Stock	03/02/2012		S	8,043	D	\$ 29.9546 (1)	35,055	D	
Common Stock	03/02/2012		M	3,500	A	\$ 21.12	38,555	D	
Common Stock	03/02/2012		S	3,150	D	\$ 29.9546 (1)	35,405	D	

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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 Derivat Securit (Instr. 3	tive y	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Derivative Exp		Expiration Dat	*		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share	
Stock	Qualified Option to buy)	\$ 21.1	03/02/2012		M	8,938	12/02/2009	12/02/2012	Common Stock	8,9	
Stock	Qualified Option to buy)	\$ 21.12	03/02/2012		M	3,500	09/19/2006	09/19/2012	Common Stock	3,5	

Reporting Owners

Relationships Reporting Owner Name / Address

> 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

Date

03/02/2012

**Signature of Reporting Person

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 \$29.954557 which consists of 300@29.97, 100@29.9701, 100@29.97, 100@29.97, 100@29.96, 100@29.96, 100@29.96, 100@29.97, 100@29.96, 100@29.96, 100@29.95, 25@29.95, 200@20.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 200.95, 20200@29.97, 100@29.95, 200@29.97, 100@29.96, 19@29.95, 100@29.98, 100@29.96, 100@29.95, 100@29.95, 100@29.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96, 100@20.96,

Reporting Owners 2

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100@29.95, 100@29.97, 100@29.97, 200@29.96, 100@29.96, 363@29.95, 100@29.95, 100@29.95, 100@29.95, 100@29.95, 56@29.95, 100@29.95, 200@29.96, 200@29.95, 100@29.95, 100@29.95, 1800@29.95, 83@29.95, 100@29.95, 3593@29.95.

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.