Logan Joseph W Form 4 December 11, 2007

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

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

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Form 5 obligations may continue. See Instruction

Form 4 or

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 _ Other (specify _X__ Officer (give title . 700 EAST MIDDLEFIELD ROAD 12/10/2007 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) Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed of | , or Beneficial | ly Owned |
|---|-----------------------------|---|---|---|-----------|------------------|-------------|--|--|---|
| S | 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) | str. 8) | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Code V | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | |
| | Common Stock | 12/10/2007 | | M | 394 | A | \$ 15.18 | 4,430 | D | |
| | Common Stock | 12/10/2007 | | S | 394 | D | \$ 27.15 | 4,036 | D | |
| | Common Stock | 12/10/2007 | | M | 282 | A | \$ 16.18 | 4,318 | D | |
| | Common Stock | 12/10/2007 | | S | 282 | D | \$ 27.15 | 4,036 | D | |
| | Common Stock | 12/10/2007 | | M | 31 | A | \$ 16.18 | 4,067 | D | |

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| Common Stock | 12/10/2007 | M | 125 | A | \$ 17.16 | 4,192 | D |
|-----------------|------------|---|-------|---|-------------|-------|---|
| Common Stock | 12/10/2007 | S | 125 | D | \$ 27.15 | 4,067 | D |
| Common Stock | 12/10/2007 | M | 14 | A | \$ 17.16 | 4,081 | D |
| Common Stock | 12/10/2007 | M | 417 | A | \$ 17.16 | 4,498 | D |
| Common Stock | 12/10/2007 | S | 417 | D | \$ 27.15 | 4,081 | D |
| Common Stock | 12/10/2007 | M | 46 | A | \$ 17.16 | 4,127 | D |
| Common Stock | 12/10/2007 | M | 102 | A | \$ 17.16 | 4,229 | D |
| Common Stock | 12/10/2007 | S | 102 | D | \$ 27.15 | 4,127 | D |
| Common Stock | 12/10/2007 | M | 11 | A | \$ 17.16 | 4,138 | D |
| Common Stock | 12/10/2007 | M | 450 | A | \$ 18.23 | 4,588 | D |
| Common Stock | 12/10/2007 | S | 450 | D | \$ 27.15 | 4,138 | D |
| Common Stock | 12/10/2007 | M | 50 | A | \$ 18.23 | 4,188 | D |
| Common Stock | 12/10/2007 | M | 2,670 | A | \$ 19.34 | 6,858 | D |
| Common Stock | 12/10/2007 | S | 2,670 | D | \$ 27.15 | 4,188 | D |
| Common Stock | 12/10/2007 | M | 297 | A | \$ 19.34 | 4,485 | D |
| Common Stock | 12/10/2007 | M | 44 | A | \$ 15.18 | 4,529 | 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)

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| 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) | Securit Acquire Dispose | tive | 6. Date Exercisab Expiration Date (Month/Day/Year | Expiration | 7. Title an Underlyin (Instr. 3 ar |
|---|---|--------------------------------------|---|--|-------------------------------|------|---|------------|--|
| | | | | | | | | Date | |
| Non-Qualified Stock Option (right to buy) | \$ 15.18 | 12/10/2007 | | M <u>(1)</u> | | 394 | 01/19/2005(2) | 08/19/2014 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 15.18 | 12/10/2007 | | M <u>(1)</u> | | 44 | 01/19/2005(2) | 08/19/2014 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 16.18 | 12/10/2007 | | M(1) | | 282 | 01/15/2005(3) | 10/15/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 16.18 | 12/10/2007 | | M(1) | | 31 | 01/15/2005(3) | 10/15/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M <u>(1)</u> | | 125 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M <u>(1)</u> | | 14 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M(1) | | 417 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M(1) | | 46 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M(1) | | 102 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 17.16 | 12/10/2007 | | M <u>(1)</u> | | 11 | 07/23/2005(4) | 12/23/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 18.23 | 12/10/2007 | | M <u>(1)</u> | | 450 | 03/10/2005(3) | 12/10/2011 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 18.23 | 12/10/2007 | | M(1) | | 50 | 03/10/2005(3) | 12/10/2011 | Commo Stock |

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| Non-Qualified Stock Option (right to buy) | \$ 19.34 | 12/10/2007 | M(1) | 2,670 | 12/13/2006(3) | 09/13/2013 | Commo Stock |
|---|----------|------------|-------------|--------|---------------|------------|----------------|
| Non-Qualified Stock Option (right to buy) | \$ 19.34 | 12/10/2007 | M(1) | 297 | 12/13/2006(3) | 09/13/2013 | Commo Stock |
| Non-Qualified Stock Option (right to buy) | \$ 27.14 | 12/10/2007 | <u>J(5)</u> | 35,000 | 03/10/2008(3) | 12/10/2014 | Commo Stock |

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

12/11/2007

**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.
- (2) Exercisable in 44 equal monthly installments beginning on the date shown.
- (3) 3/48ths of the option becomes exercisable on the date shown followed by 45 equal monthly installments
- (4) Exercisable in 36 equal monthly installments beginning one month from grant date
- (5) Grant to reporting person to buy shares of common stock under the Synopsys, Inc 2006 Employee Equity Incentive Plan

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Reporting Owners 4