SYNOPSYS INC

Form 4

December 19, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

Number:

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Form filed by More than One Reporting

Person

January 31, 2005

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SECURITIES 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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading DE GEUS AART Issuer Symbol SYNOPSYS INC [SNPS] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner _X__ Officer (give title _ Other (specify 690 EAST MIDDLEFIELD ROAD 12/15/2016 below) Chairman of the Board & Co-CEO (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

MOUNTAIN VIEW, CA 94043

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Ac	quired, Disposed	of, or Benefic	cially 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. Securities Acquired or(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price			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	12/15/2016		M	9,673	A	\$ 0	24,988	D	
Common Stock	12/15/2016		F	5,048 (1)	D	\$ 60.37	19,940	D	
Common Stock							218,152	I	by Family Trust
Common Stock							18,500	I	by Partnership
Common Stock							358,551	I	by Separate Prop Tr

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

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SEC 1474

(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. 5. Number of TransactionDerivative Code Securities Acquired (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title a Underlyi (Instr. 3 a	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 60.37	12/15/2016		A(2)	160,899		03/15/2017(3)	12/15/2023	Comm Stock
Restricted Stock Units	\$ 0	12/15/2016		A(4)	38,691		12/15/2016(5)	12/08/2019	Comm
Restricted Stock Units	\$ 0	12/15/2016		D		9,673	12/15/2016(5)	12/08/2019	Comm

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
DE GEUS AART							
690 EAST MIDDLEFIELD ROAD	X		Chairman of the Board & Co-CEO				
MOUNTAIN VIEW, CA 94043							

Signatures

By: POA pursuant Christina Escalante-Dutra For: Aart de Geus 12/19/2016

**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).
- These shares were retained by the Company 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 approved the disposition of shares by the award holder and the amount retained by the Company was not in excess of the amount of the tax liability.
- (2) Grant to reporting person to buy shares of common stock under the Synopsys, Inc 2006 Employee Equity Incentive Plan. The Compensation Committee of the Board of Directors approved an option grant value of \$1,850,000, with the number of shares subject to the option to be determined by dividing that amount by the fair value of an option to acquire a share of Synopsys common stock on the

Reporting Owners 2

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grant date using the Black-Scholes option pricing model.

- (3) Option vests in 16 equal quarterly installments beginning on the date shown.
 - On 12/15/15 the Compensation Committee of the Board of Directors approved a Restricted Stock Unit grant value of \$1,750,000, with the number of granted Restricted Stock Units to be determined by dividing that amount by the closing price of Synopsys common stock
- on the grant date. The vesting of such Restricted Stock Units was based on satisfaction of certain performance criteria for the fiscal year ending 10/29/16. The performance criteria were met.
- (5) 25% of the units vest on the date shown followed by three equal annual installments.

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.