SIMONET HELENE

Form 4 May 01, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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

Check this box

obligations may continue. See Instruction

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 * SIMONET HELENE			2. Issuer Name and Ticker or Trading Symbol COHERENT INC [COHR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
P. O. BOX 54980			(Month/Day/Year) 04/27/2006	Director 10% Owner _X_ Officer (give title Other (specify below) Exec VP and CFO		
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
SANTA CLARA, CA 95056-0980						

(State)	(Zip) Tabl	le I - Non-D	Perivative S	Securi	ities Acqu	ired, Disposed of	, or Beneficial	ly Owned
		3.			•	5. Amount of	6.	7. Nature of
(Month/Day/Year)	Execution Date, if		` ′		` '			Indirect
	any	Code	(Instr. 3, 4	4 and 5	5)	•	Form: Direct	Beneficial
	(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
						Following	Indirect (I)	(Instr. 4)
				(1)		Reported	(Instr. 4)	
						Transaction(s)		
		Code V	Amount	(D)	Price	(Instr. 3 and 4)		
04/27/2006			15 000		\$	20.200	Ъ	
04/2//2006		А	15,000	A	19.77	28,209	D	
04/27/2006(1)		S	15,000	D	\$ 37.5	13,209	D	
	2. Transaction Date (Month/Day/Year) 04/27/2006	2. Transaction Date (Month/Day/Year) 2. Transaction Date (A. Deemed Execution Date, if any (Month/Day/Year) 04/27/2006	2. Transaction Date 2A. Deemed 3. (Month/Day/Year) Execution Date, if any Code (Month/Day/Year) (Instr. 8) Code V 04/27/2006 A	2. Transaction Date 2A. Deemed 3. 4. Securit (Month/Day/Year) Execution Date, if any Code (Instr. 3, 4 (Month/Day/Year) (Month/Day/Year) (Instr. 8) Code V Amount 04/27/2006 A 15,000	2. Transaction Date 2A. Deemed 3. 4. Securities Ac (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Instr. 3, 4 and 3 (Instr. 8) (A) or Code V Amount (D) (D4/27/2006) A 15,000 A	2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Instr. 8) Code (Instr. 3, 4 and 5) (A) or Code V Amount (D) Price A 15,000 A 19.77	2. Transaction Date (Month/Day/Year)	2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 6

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Incentive Stock Option (right to buy)	\$ 19.77	04/27/2006		M	5,058	04/04/2006	04/04/2009	Common Stock	5,0
Non-Qualified Stock Option (right to buy)	\$ 19.77	04/27/2006		M	9,942	04/04/2006	04/04/2009	Common Stock	9,9

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SIMONET HELENE P. O. BOX 54980

Exec VP and CFO

SANTA CLARA, CA 95056-0980

Signatures

Scott H. Miller, by power of atty 05/01/2006

**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) These shares were sold pursuant to a 10b-5-1 stock plan adopted by the named officer on August 30, 2005.

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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