Sechrist Paul F Form 4 November 07, 2011

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **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

may continue. See Instruction

1(b).

Form 5

obligations

(Print or Type Responses)

OMB 3235-0287 Number:

OMB APPROVAL

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1. Name and Ad Sechrist Paul	•	erting Person *	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 Transact		3. Date of Earliest Transaction	(Chook an approach)		
5100 PATRIO	CK HENRY	Y DR	(Month/Day/Year) 11/03/2011	Director 10% Owner _X_ Officer (give title Other (specify below) EVP Worldwide Sales & Services		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		
SANTA CLA	ARA,, CA 9	5054		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	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)	A. Deemed 3. 4. Securities Acquired (A) xecution Date, if Transactionor Disposed of (D) Code (Instr. 3, 4 and 5)				5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	(111501.4)	
Common Stock	10/31/2011		J V	171 (1)	` '	\$ 43.3245	8,215	D	
Common Stock	11/03/2011		M	1,500	A	\$ 0	9,715	D	
Common Stock	11/03/2011		F	551 <u>(2)</u>	D	\$ 53.86	9,164	D	
Common Stock	11/03/2011		M	334	A	\$ 0	9,498	D	
Common Stock	11/03/2011		F	123 (2)	D	\$ 53.86	9,375	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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. Transactio Code (Instr. 8)	5. Number op 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 Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	,	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0	11/03/2011		M	1,500	11/03/2011	11/03/2011	Common Stock	1,500
Restricted Stock Units	\$ 0	11/03/2011		M	334	11/03/2011	11/03/2011	Common Stock	334

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sechrist Paul F

5100 PATRICK HENRY DR EVP Worldwide Sales & Services

SANTA CLARA,, CA 95054

Signatures

Paul Sechrist 11/07/2011

**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) Purchase under employee stock purchase plan.
- (2) Represents shares withheld to satisfy minimum tax withholding obligations for released restricted units.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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