

Sechrist Paul F  
 Form 4  
 November 07, 2012

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
 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 1(b).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Sechrist Paul F

(Last) (First) (Middle)  
 5100 PATRICK HENRY DR  
 (Street)

SANTA CLARA,, CA 95054

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 COHERENT INC [COHR]

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 11/05/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 EVP Worldwide Sales & Services

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. 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)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	11/05/2012		M	1,500 A	\$ 0	16,652 <sup>(1)</sup>	D
Common Stock	11/05/2012		F	551 <sup>(2)</sup> D	\$ 43.81	15,101	D
Common Stock	11/05/2012		M	333 A	\$ 0	15,434	D
Common Stock	11/05/2012		F	123 <sup>(2)</sup> D	\$ 43.81	15,311	D

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. Transaction Code (Instr. 8)	5. Number of 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)	Amount or Number of Shares
Restricted Stock Units	\$ 0 <sup>(3)</sup>	11/05/2012		M	1,500	11/05/2012 <sup>(4)</sup> 11/05/2012	Common Stock	1,500
Restricted Stock Units	\$ 0 <sup>(3)</sup>	11/05/2012		M	333	11/05/2012 <sup>(4)</sup> 11/05/2012	Common Stock	333

## Reporting Owners

### Reporting Owner Name / Address

Sechrist Paul F  
5100 PATRICK HENRY DR  
SANTA CLARA,, CA 95054

### Relationships

Director    10% Owner    Officer    Other

EVP Worldwide Sales & Services

## Signatures

Paul Sechrist

11/07/2012

\*\*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) Includes 111 shares acquired under the Issuer's employee stock purchase plan on October 31, 2012. Adjusted to correct a clerical error originally reported in the Reporting Person's Form 3 and in subsequent Form 4 reports.
- (2) Represents shares withheld to satisfy minimum tax withholding obligations for released restricted units.
- (3) Reporting Person received one share of common stock for each RSU that vested.
- (4) This Restricted Stock Unit award vests over three years with one third of the grant vesting on each of the subsequent anniversaries of the grant.

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.