Sechrist Paul F Form 4/A November 17, 2017

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**

Form 5 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).

(Last)

(Print or Type Responses)

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

(First)

2. Issuer Name and Ticker or Trading

Symbol

COHERENT INC [COHR]

3. Date of Earliest Transaction

5100 PATRICK HENRY DRIVE

(Middle)

(Month/Day/Year)

11/03/2017

Director 10% Owner X_ Officer (give title Other (specify below)

5. Relationship of Reporting Person(s) to

(Check all applicable)

EVP Worldwide Sales & Services

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

11/07/2017

Applicable Line) _X_ Form filed by One Reporting Person

6. Individual or Joint/Group Filing(Check

Form filed by More than One Reporting Person

SANTA CLARA, CA 95054

(City) (State) (Zip)

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

Issuer

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (T) (Instr. 4)

Ownership (Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number Transaction of Derivative Expiration Date Securities Code

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount Underlying Securities (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0	11/03/2017		M			2,092 (1)	11/03/2017	11/03/2017	Common Stock	2,092
Performance Restricted Stock Units	\$ 0	11/03/2017		M			3,138 (1)	(3)	11/03/2017	Common Stock	3,138

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sechrist Paul F

5100 PATRICK HENRY DRIVE EVP Worldwide Sales & Services

SANTA CLARA, CA 95054

Signatures

/s/ Rhonda Fassbender, Pursuant to Power of
Attorney

11/17/2017

**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) Shares were incorrectly reported as acquisitions of RSUs instead of dispositions.
- (2) Note corrected carry forward amount.

This Performance Restricted Stock Unit award vested on the three year anniversary of the grant based on the relative performance of the underlying stock versus the Russell 2000 Index for the 90 trading days on and prior to November 3, 2017 versus the same 90 trading day period ending November 3, 2014. The number of shares in the table reflects the number of RSUs at target. The actual range of RSUs is 0-200% of the target number, depending upon what achievement, if any, results at the measurement date.

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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