

Sechrist Paul F  
Form 3  
April 07, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Sechrist Paul F		(Month/Day/Year)	COHERENT INC [COHR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
5100 PATRICK HENRY DR			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
SANTA CLARA,,Â CAÂ 95054			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below)	(specify below)
			EVP Worldwide Sales & Services	6. Individual or Joint/Group Filing(Check Applicable Line)
				<input checked="" type="checkbox"/> Form filed by One Reporting Person
				<input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	8,831	D	Â

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Title	Amount or Number of		

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				Shares		(I) (Instr. 5)	
Non Qualified Stock Option (right to buy)	06/13/2008	06/13/2012	Common Stock	3,500	\$ 32.1	D	Â
Non Qualified Stock Option (right to buy)	04/15/2009	10/03/2013	Common Stock	10,000	\$ 32.95	D	Â
Non Qualified Stock Option (right to buy)	Â (1)	11/17/2014	Common Stock	16,500	\$ 23.16	D	Â
Non Qualified Stock Option (right to buy)	Â (2)	11/20/2016	Common Stock	18,000	\$ 26.16	D	Â
Restricted Stock Units	11/17/2011	11/17/2011	Common Stock	2,333	\$ 0	D	Â
Restricted Stock Units	Â (3)	11/20/2012	Common Stock	6,000	\$ 0	D	Â
Restricted Stock Units	Â (4)	11/03/2013	Common Stock	4,500	\$ 0	D	Â
Restricted Stock Units	Â (5)	11/03/2013	Common Stock	1,000	\$ 0	D	Â
Performance Restricted Stock Units	Â (6)	11/03/2013	Common Stock	9,000	\$ 0	D	Â
Performance Restricted Stock Units	Â (6)	11/03/2013	Common Stock	2,000	\$ 0	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sechrist Paul F 5100 PATRICK HENRY DR SANTA CLARA,, CA 95054	Â	Â	Â EVP Worldwide Sales & Services	Â

## Signatures

Paul F. Sechrist                      04/07/2011  
 \*\*Signature of                      Date  
 Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) This Non Qualified Stock Option (right to buy) vests over three years with one third of the grant vesting on each of the subsequent anniversaries of the grant date of 11/17/2008.
  - (2) This Non Qualified Stock Option (right to buy) vests over three years with one third of the grant vesting on each of the subsequent anniversaries of the grant date of 11/20/2009.
  - (3) This Restricted Stock Unit award vests 3000 shares on 11/20/2011 and 3000 shares on 11/20/2012.

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- (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 date of 11/30/2010.
- (5) This Restricted Stock Unit award vests over three years with one third of the grant vesting on the dates 11/3/2011, 11/3/2012 and 11/3/2013.
- (6) This Performance Restricted Stock Unit award vests over three years on the dates 11/3/2011, 11/3/2012 and 11/3/2013, with up to one third of the grant vesting each year based on the relative performance of the underlying stock versus the Russell 2000 Index for the 30 trading days on and prior to November 3 of each year versus the same 30 trading day period for the preceding year.

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.