VIJ SANDEEP
Form 4
August 28, 2012

FORM 4

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

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
VIJ SANDEEP

(Last) (First) (Middle)

P. O. BOX 54980

(Street)

SANTA CLARA, CA 95056

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
08/24/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								11,100	I	Family Trust
Common Stock	08/24/2012		M		3,000	A	$ 15.21	3,000	D	
Common Stock	08/24/2012		M		6,000	A	$ 35.01	9,000	D	
Common Stock	08/24/2012		M		6,000	A	$ 32	15,000	D	
Common Stock	08/24/2012		S		15,000	D	$ 48.11 (1)	0	D	

Common Stock	08/24/2012	S	8,700	D	$ 48.11 (1)	2,400	I	Family Trust	

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 (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 Amoun Underlying Securit (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Non-Qualified Stock Option (right to buy)	$ 15.21	08/24/2012		M			3,000	03/11/2011	03/11/2019	Common Stock	3,0
Non-Qualified Stock Option (right to buy)	$ 35.01	08/24/2012		M			6,000	03/29/2008	03/30/2016	Common Stock	6,0
Non-Qualified Stock Option (right to buy)	$ 32	08/24/2012		M			6,000	04/01/2012	04/01/2020	Common Stock	6,0

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VIJ SANDEEP P. O. BOX 54980 SANTA CLARA, CA 95056	X			

Signatures

/s/ Bret DiMarco, Pursuant to Power of Attorney	08/28/2012

**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) Represents the weighted average sales price for the shares. The range of prices for such sales was $48.10 to $48.18. The reporting person will provide upon request full information regarding the number of shares sold at each separate price.

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