BARR WENDEL Form 4 August 18, 2010

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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).

(Print or Type Responses)

1. Name and A BARR WEN	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol COVANCE INC [CVD]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
COVANCE INC., 210 CARNEGIE CENTER			(Month/Day/Year) 08/18/2010	Director 10% OwnerX_ Officer (give title Other (specify below) Executive Vice President & COO			
(Street) PRINCETON, NJ 08540			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)					

(City)	(State)	(Zip) Table	e I - Non-D	D erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	08/18/2010		Code V	Amount 7,500	or (D)	Price \$ 11.22	(Instr. 3 and 4) 53,762	D	
Common Stock - 401(k) Plan							2,200 (1)	I	Held By Trustee

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. Transactic Code (Instr. 8)	5. Number prof 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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 11.22	08/18/2010		M		7,500	12/29/2002	12/28/2010	Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BARR WENDEL COVANCE INC. 210 CARNEGIE CENTER PRINCETON, NJ 08540

Executive Vice President & COO

Signatures

/s/ Ross A. Hyams, Power of Attorney

08/18/2010

**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).

The securities reported were acquired on a periodic basis by the Trustee of the Covance 401(k) plan, a broad-based, tax-qualified employee benefit plan. The information was obtained from the Plan Administrator as of this date. The shares have been accumulated by the Trustee over the employment of the reporting person and the number is based upon the market value of the reporting person's account divided by the then current market price.

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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