BARR WENDEL Form 4

December 15, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

5 Deletionship of Deporting Degan(s) to

Person

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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 may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1 Name and Address of Departing D

BARR WENDEL	2. Issuer Name and Ticker or Trading Symbol	Issuer		
	COVANCE INC [CVD]	(Check all applicable)		
(Last) (First) (Middle)	3. Date of Earliest Transaction			
	(Month/Day/Year)	Director 10% Owner		
COVANCE INC., 210 CARNEGIE	12/14/2010	X Officer (give title Other (specify below)		
CENTER		Executive Vice President & COO		
(Street)	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		
PRINCETON NI 08540		Form filed by More than One Reporting		

PRINCETON, NJ 08540

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secur	ities Acqu	ired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)			of (D)	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)		
~			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	12/14/2010		M	10,995	A	\$ 22.95	64,757	D	
Common Stock	12/14/2010		M	14,000	A	\$ 29.69	78,757	D	
Common Stock	12/14/2010		M	6,305	A	\$ 39.8	85,062	D	
Common Stock	12/14/2010		S	31,300	D	\$ 49.75	53,762	D	
Common Stock - 401(k)							2,213 (1)	I	Held By Trustee

Plan

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

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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. Transactio Code (Instr. 8)	5. Number of corderivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		erivative Expiration Date (Month/Day/Year) equired (A) Disposed of (a) str. 3, 4,		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)	\$ 22.95	12/14/2010		M		10,995	02/27/2006	02/26/2013	Common Stock	10,995
Stock Option (Right to Buy)	\$ 29.69	12/14/2010		M		14,000	02/25/2007	02/24/2014	Common Stock	14,000
Stock Option (Right to Buy)	\$ 39.8	12/14/2010		M		6,305	<u>(2)</u>	02/18/2019	Common Stock	6,305

Reporting Owners

PRINCETON, NJ 08540

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
BARR WENDEL						
COVANCE INC.			Executive Vice President & COO			
210 CARNEGIE CENTER			Executive vice riesident & COO			

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Signatures

/s/ Ross A. Hyams, Power of Attorney 12/15/2010

**Signature of Reporting Person

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).

Date

- 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.
- (2) The option vests in three equal annual installments with the first installment vesting one year from grant 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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