#### **RESPIRONICS INC**

Form 4

February 10, 2005

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

3235-0287 Number:

January 31, Expires: 2005

0.5

**OMB APPROVAL** 

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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 Reporting Person * FULTON STEVEN P			2. Issuer Name and Ticker or Trading Symbol RESPIRONICS INC [RESP]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
1010 MURRY RIDGE LANE		NE	(Month/Day/Year) 02/08/2005	Director 10% OwnerX Officer (give title Other (specify below)  VP and General Counsel			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MURRYSVILLE, PA 15668			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative Securities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	omr Disposed of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)		Owned	Direct (D)	Ownership
					Following	or Indirect	(Instr. 4)
				(4)	Reported	(I)	
				(A)	Transaction(s)	(Instr. 4)	
				or	(Instr 3 and 4)		

		Code	V	Amount	(D)	Price		
Common Stock	02/08/2005	M		8,631	A	\$ 8.4375	9,972	D

Common S 02/08/2005 8,631 D 1,341 D 59.8989 Stock

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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		(Instr. 3 and 4) S		8. D So (I
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Options	\$ 8.4375	02/08/2005		M	8,631	10/12/2000	10/12/2009	Common Stock	8,631	\$

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

FULTON STEVEN P 1010 MURRY RIDGE LANE MURRYSVILLE, PA 15668

VP and General Counsel

## **Signatures**

Dorita A. Pishko; Attorney-in-Fact 02/10/2005

\*\*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).

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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