RESPIRONICS INC

Form 4

February 18, 2005

FORM 4

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

OMB 3235-0287 Number:

burden hours per

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

0.5

OMB APPROVAL

Form 4 or Form 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

response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MICLOT JOHN L			2. Issuer Name and Ticker or Trading Symbol RESPIRONICS INC [RESP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Midd		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
1010 MURRY RIDGE LANE		NE	(Month/Day/Year) 02/17/2005	Director 10% Owner _X Officer (give title Other (specify below) President and CEO		
(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) 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. 4. Securities Acquired (A) Transactiom Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I)		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	02/17/2005		M	7,500	A	\$ 33.675	29,142	D			
Common Stock	02/17/2005		S	7,500	D	\$ 60.5473	21,642	D			
Common Stock	02/17/2005		M	10,000	A	\$ 32.675	31,642	D			
Common Stock	02/17/2005		S	10,000	D	\$ 59.924	21,642	D			
Common Stock	02/17/2005		M	10,000	A	\$ 40.675	31,642	D			

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Common Stock	02/17/2005	S	10,000	D	\$ 59.83	21,642	D
Common Stock	02/17/2005	M	25,000	A	\$ 45.895	46,648	D
Common Stock	02/17/2005	S	25,000	D	\$ 59.592	21,642	D
Common Stock	02/17/2005	M	7,500	A	\$ 18.4688	29,142	D
Common Stock	02/17/2005	S	7,500	D	\$ 59.52	21,642	D

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 or 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	\$ 33.675	02/17/2005		M	7,500	08/22/2002	08/22/2010	Common Stock	7,500
Stock Option	\$ 32.675	02/17/2005		M	10,000	08/16/2003	08/16/2012	Common Stock	10,000
Stock Option	\$ 40.675	02/17/2005		M	10,000	08/27/2004	08/27/2013	Common Stock	10,000
Stock Option	\$ 45.895	02/17/2005		M	25,000	12/01/2004	12/01/2013	Common Stock	25,000
Stock Option	\$ 18.4688	02/17/2005		M	7,500	08/18/2001	08/18/2010	Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners 2

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Director 10% Owner Officer Other

MICLOT JOHN L 1010 MURRY RIDGE LANE MURRYSVILLE, PA 15668

President and CEO

Signatures

Dorita A. PIshko; Attorney-in-Fact 02/18/2005

**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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