LIKEN JAMES W Form 4 November 15, 2004

FORM 4

Check this box

if no longer

Section 16.

Form 4 or

obligations

Form 5

subject to

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading LIKEN JAMES W Issuer Symbol RESPIRONICS INC [RESP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 1010 MURRY RIDGE LANE 11/12/2004 below) Vice Chairman

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

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

MURRYSVILLE, PA 15668

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) oner Disposed of (D) (Instr. 3, 4 and 5) (A) or			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)
a			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common stock	11/12/2004		M	3,125	A	\$ 40.675	134,793	D	
Common stock	11/12/2004		S	3,125	D	\$ 55.75	131,668	D	
Common stock	11/12/2004		M	25,000	A	\$ 32.675	156,668	D	
Common stock	11/12/2004		S	25,000	D	\$ 55.76	131,668	D	
Common stock	11/12/2004		M	30,000	A	\$ 33.675	161,668	D	

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Common stock	11/12/2004	S	30,000	D	\$ 55.79	131,668	D
Common stock	11/12/2004	M	5,414	A	\$ 18.47	137,082	D
Common stock	11/12/2004	M	8,130	A	\$ 16.125	145,212	D
Common stock	11/12/2004	S	8,130	D		137,082	D
Common stock	11/12/2004	M	24,454	A	\$ 18.469	161,536	D
Common stock	11/12/2004	S	24,454	D	\$ 55.75	137,082	D

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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	\$ 40.675	11/12/2004		M	3,125	08/27/2004	08/27/2013	Common stock	3,125
Stock option	\$ 32.675	11/12/2004		M	25,000	08/16/2003	08/16/2012	Common stock	25,000
Stock option	\$ 33.675	11/12/2004		M	30,000	08/22/2002	08/22/2011	Common stock	30,000
Stock option	\$ 18.469	11/12/2004		M	5,414	08/18/2001	08/18/2010	Common stock	5,414
Stock option	\$ 16.125	11/12/2004		M	8,130	10/01/2001	10/01/2010	Common stock	8,130
Stock option	\$ 18.469	11/12/2004		M	24,454	08/18/2001	08/18/2010	Common stock	24,454

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LIKEN JAMES W

1010 MURRY RIDGE LANE Vice Chairman

MURRYSVILLE, PA 15668

Signatures

Dorita A. Pishko; Attorney-in-fact

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

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.

Reporting Owners 3

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).