LIKEN JAMES W Form 4

November 21, 2005

FORM 4

Check this box

if no longer

Section 16.

Form 4 or

subject to

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

OMB Number: 3235-0287

OMB APPROVAL

Expires: January 31, 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

. . .

Stock

1(b).

(Print or Type Responses)

1. Name and Add LIKEN JAME	•	ng Person *	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				
			(Month/Day/Year)	Director 10% Owner			
1010 MURRY RIDGE LANE			11/15/2005	X Officer (give title Other (specify below)			
				Vice Chairman			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
MURRYSVILLE, PA 15668				_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 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) (Instr. 3, 4 and 5) Form: Direct Code Beneficially Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 11/15/2005 M 10,000 A 234,164 D Stock 16.34 Common \$ 38.8 224,164 11/15/2005 S 10,000 D D Stock Common D 11/15/2005 M 14,062 A 238,226 Stock Common S 14,062 D 11/15/2005 224,164 D Stock Common 11/15/2005 M 5,938 230,102 D

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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 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	\$ 16.34	11/15/2005		M	10,000	08/16/2003	08/16/2012	Common Stock	10,000
Stock Option	\$ 16.84	11/15/2005		M	14,062	08/22/2002	08/22/2011	Common Stock	14,062
Stock Option	\$ 16.84	11/15/2005		M	5,938	08/22/2002	08/22/2011	Common Stock	5,938

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LIKEN JAMES W 1010 MURRY RIDGE

1010 MURRY RIDGE LANE Vice Chairman MURRYSVILLE, PA 15668

Signatures

Dorita A. Pishko; Atty-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).
- ** 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.

Reporting Owners 2