Gallahue Kieran Form 4 February 19, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Gallahue Kieran

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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Estimated average

burden hours per

(Middle)

RESMED INC [RMD] 3. Date of Earliest Transaction

(Month/Day/Year)

(Check all applicable)

RESMED INC., 9001 SPECTRUM

(First)

02/17/2010

_X__ Director 10% Owner X_ Officer (give title _ Other (specify below)

CENTER BOULEVARD

(Street)

4. If Amendment, Date Original

Chief Executive Officer 6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

SAN DIEGO, CA 92123

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquir	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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
ResMed Common Stock	02/17/2010		M	8,000	A	\$ 24.935	11,223.897	D	
ResMed Common Stock	02/17/2010		S	8,000	D	\$ 55.5524 (2)	3,223.897	D	
ResMed Common Stock	02/17/2010		M	22,000	A	\$ 31.04	25,223.897	D	
ResMed Common	02/17/2010		S	22,000	D	\$ 55.6196	3,223.897	D	

(3) Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(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)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Numbe of Shar
ResMed Stock Options	\$ 24.935	02/17/2010		M	8,000	01/20/2006(1)	01/20/2015	ResMed Common Stock	8,000
ResMed Common Stock Options	\$ 31.04	02/17/2010		M	22,000) 11/20/2009 <u>(1)</u>	11/20/2015	ResMed Common Stock	22,00

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
Gallahue Kieran RESMED INC. 9001 SPECTRUM CENTER BOULEVARD SAN DIEGO, CA 92123	X		Chief Executive Officer			

Signatures

Kieran Gallahue 02/19/2010 **Signature of Date 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).

Reporting Owners 2

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- (1) Represents first date options became exercisable.
- This transaction was executed in multiple trades at prices ranging from \$55.53 to \$55.57. The price reported above reflects the weighted average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$55.55 to \$55.67. The price reported reflects the weighted average (3) sale price. The reporting person wil provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.

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.