

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Gallahue Kieran</u> (Last) (First) (Middle) <u>RESMED INC.</u> <u>9001 SPECTRUM CENTER BOULEVARD</u> (Street) <u>SAN DIEGO CA 92123</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>RESMED INC [RMD]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/10/2009</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year) <u>08/12/2009</u>	

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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
ResMed Common Stock	08/10/2009	08/11/2009	M		7,500 ⁽²⁾	A	\$15.985	10,723.897	D	
ResMed Common Stock	08/10/2009	08/11/2009	S		100	D	\$44.985 ⁽³⁾	10,623.897	D	
ResMed Common Stock	08/10/2009	08/11/2009	S		2,200	D	\$45.215 ⁽³⁾	8,423.897	D	
ResMed Common Stock	08/10/2009	08/11/2009	S		1,000	D	\$45.241 ⁽³⁾	7,423.897	D	
ResMed Common Stock	08/10/2009	08/11/2009	S		1,500	D	\$45.178 ⁽³⁾	5,923.897	D	
ResMed Common Stock	08/10/2009	08/11/2009	S		2,700	D	\$45.0907 ⁽³⁾	3,223.897 ⁽⁴⁾	D	

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 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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
ResMed Stock Options	\$15.985	08/10/2009	08/11/2009	M			7,500 ⁽²⁾	01/13/2004 ⁽¹⁾	01/13/2013	ResMed Common Stock	7,500	\$0	779,500	D	

Explanation of Responses:

1. Represents first date options became exercisable.

2. Trade executed pursuant to 10b5-1 trading plan.

3. This transaction was executed in multiple trades at prices ranging from \$44.78 to \$45.46. 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.

4. Amendment to correct calculation of beneficially owned shares.

Remarks:Kieran Gallahue08/12/2009

** Signature of Reporting Person

Date

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

* 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.

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