Gallahue Kieran Form 4 May 17, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

Form 5 obligations may continue.

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

SECURITIES

burden hours per response... 0.5

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Gallahue Kieran			2. Issuer Name and Ticker or Trading Symbol RESMED INC [RMD]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Mide		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
RESMED INC., 9001 SPECTRUM CENTER BOULEVARD			(Month/Day/Year) 05/13/2010	_X_ Director 10% OwnerX_ Officer (give title Other (specify below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAN DIEGO	O, CA 92123		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	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. Transaction Code (Instr. 8)	4. Securit ord Dispos (Instr. 3, 4	ed of (` '	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)
ResMed Common Stock	05/13/2010		M	10,000	A	\$ 38.5	13,223.897	D	
ResMed Common Stock	05/13/2010		S	10,000	D	\$ 69.1836 (2)	3,223.897	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. Transactic Code (Instr. 8)	5. Number of orderivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
ResMed Stock Options	\$ 38.5	05/13/2010		M	10,000	02/03/2007(1)	02/03/2016	ResMed Common Stock	10,000

Reporting Owners

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

Signatures

Kieran Gallahue 05/17/2010

**Signature of 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).
- (1) Represents first date options became exercisable.
- This transaction was executed in multiple trades at prices ranging from \$68.28 to \$69.39. 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.

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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