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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>FARRELL PETER C</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) <p style="text-align: center;"><u>Chairman of the Board</u></p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/01/2015</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**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	09/01/2015		M <sup>(1)</sup>		36,000	A	\$19.25	330,299	D	
ResMed Common Stock	09/01/2015		S <sup>(1)</sup>		36,000	D	\$50.822 <sup>(3)</sup>	294,299	D	
ResMed Common Stock	09/01/2015		F <sup>(4)</sup>		4,473	D	\$50.75	289,826	D	
ResMed Common Stock								87,776	I	Peter C. Farrell Grantor Retained Annuity Trust dated March 4, 2014 <sup>(5)</sup>
Resmed Common Stock								200,000	I	Peter C. Farrell Grantor Retained Annuity Trust dated October 14, 2014 <sup>(5)</sup>

**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					
ResMed Common Stock Options	\$19.25	09/01/2015		M <sup>(1)</sup>			36,000	02/03/2007 <sup>(2)</sup>	02/03/2016	ResMed Common Stock	\$0	27,169	D	

**Explanation of Responses:**

- The transaction was conducted under a 10b5-1 Plan as defined under the Securities Exchange Act of 1934, as amended.
- Represents date options first became available. Options vest 1/4 each year.
- This transaction was executed in multiple trades at prices ranging from \$50.25 to \$51.18. 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.
- Disposition to issuer for tax withholding upon vesting of performance-based Restricted Stock Units granted on 9/1/2011.
- Securities held by Larry Poster, Trustee of the Peter C. Farrell Grantor Retained Annuity Trust.

**Remarks:**

Peter C. Farrell 09/03/2015  
 \*\* 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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