

PENDARVIS DAVID  
Form 4  
December 17, 2010

**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 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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
PENDARVIS DAVID

(Last) (First) (Middle)

RESMED INC., 9001 SPECTRUM CENTER BLVD.

(Street)

SAN DIEGO, CA 92123

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
RESMED INC [RMD]

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/15/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

Sr. VP, General Counsel

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting Person

**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)	(A) or (D)	5. Amount or Price	6. Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
ResMed Common Stock	12/15/2010		M	29,649	A	\$ 19.25	55,374.12	D
ResMed Common Stock	12/15/2010		S	29,649 <u>(1)</u>	D	\$ 35 <u>(1)</u>	25,725.12	D
ResMed Common Stock	12/17/2010		M	29,963	A	\$ 19.25	55,688.12	D
ResMed Common	12/17/2010		S	29,963 <u>(1)</u>	D	\$ 35 <u>(1)</u>	25,725.12	D

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Stock

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

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(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. 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 Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
ResMed Common Stock Options	\$ 19.25	12/15/2010		M	29,649 (1)	02/03/2007 <sup>(2)</sup> 02/03/2016	ResMed Common Stock 29,649
ResMed Common Stock Options	\$ 19.25	12/17/2010		M	29,963 (1)	02/03/2007 <sup>(2)</sup> 02/03/2016	ResMed Common Stock 29,963

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

PENDARVIS DAVID  
RESMED INC.  
9001 SPECTRUM CENTER BLVD.  
SAN DIEGO, CA 92123

Sr. VP, General Counsel

## Signatures

David Pendarvis

12/17/2010

\*\*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).
- (1) Trade executed pursuant to 10b5-1.
- (2) Represents date options first became exercisable.

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.