PENDARVIS DAVID

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

Form 5

Form 4

January 04, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

OMB APPROVAL

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SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading PENDARVIS DAVID Issuer Symbol RESMED INC [RMD] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _Other (specify **RESMED INC., 9001 SPECTRUM** 01/03/2018 below) CENTER BLVD. Chief Administrative Officer (Street) 4. If Amendment, Date Original 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 SAN DIEGO, CA 92123 Person

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Date 2A. Deemed Month/Day/Year) Execution Date, if any (Month/Day/Year)			3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			5. Amount of 6. Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)	
ResMed Common Stock	01/03/2018		Code V M(1)	Amount 2,810	` /	Price \$ 38.98	97,263	D	
ResMed Common Stock	01/03/2018		S <u>(1)</u>	2,810	D	\$ 85.38	94,453	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. Transaction Code (Instr. 8)	5. Number on 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	\$ 38.98	01/03/2018		M <u>(1)</u>		2,810	11/11/2013(2)	11/15/2019	ResMed Common Stock	2,810

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Chief Administrative Officer

Signatures

David Pendarvis, Chief Administrative Officer

01/04/2018

**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) The transaction was conducted under a Rule 10b5-1 plan.
- (2) Represents date options first became exercisable. Options vest 1/3 per year.

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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